

FIG. 1

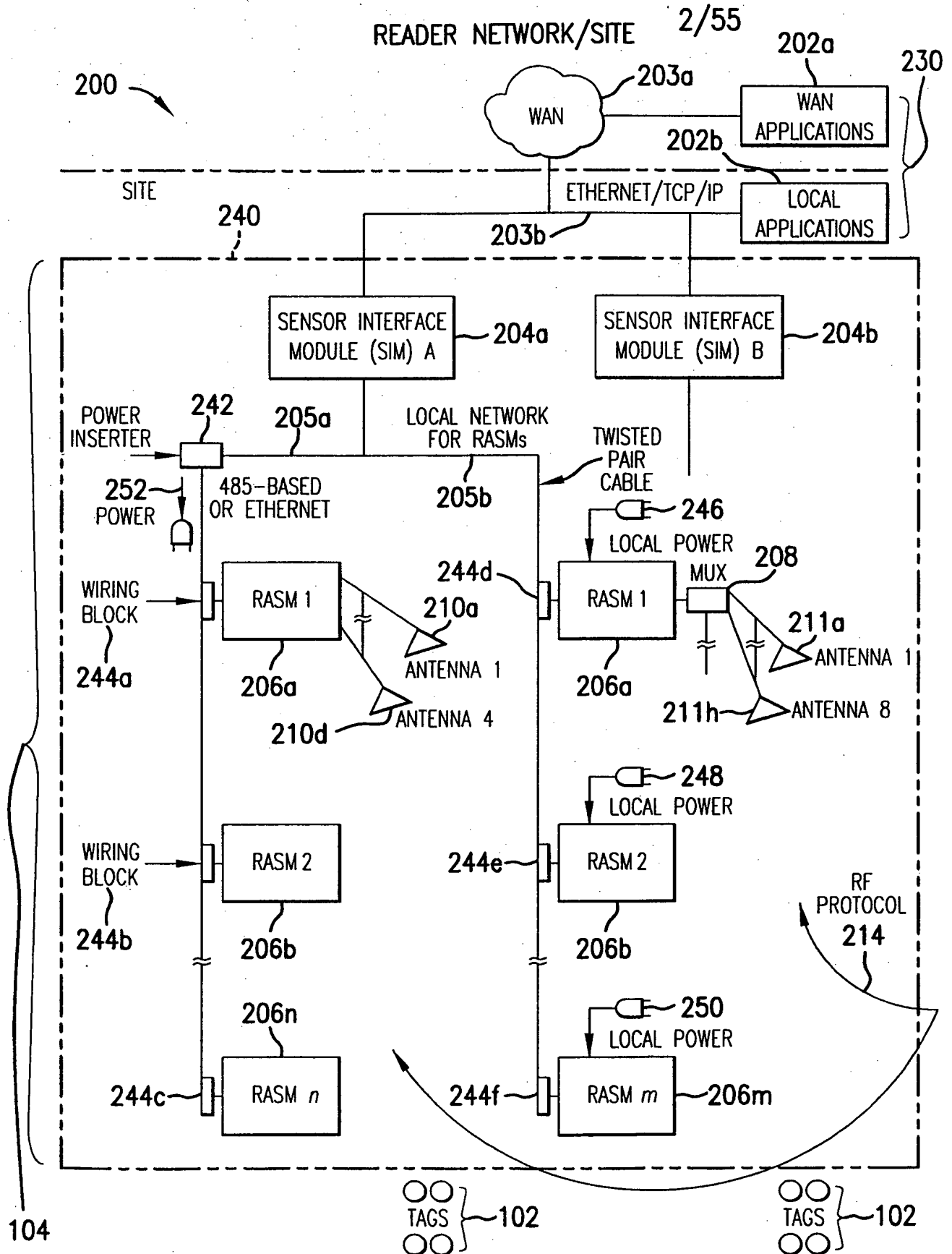


FIG. 2

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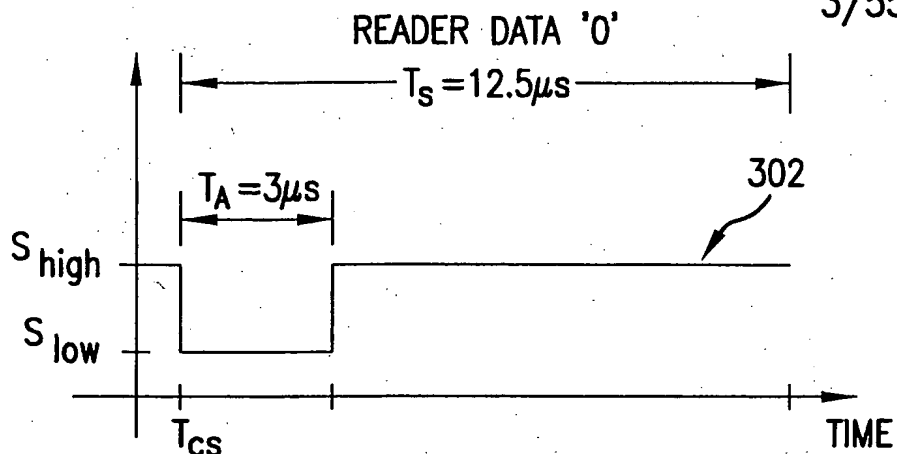


FIG. 3

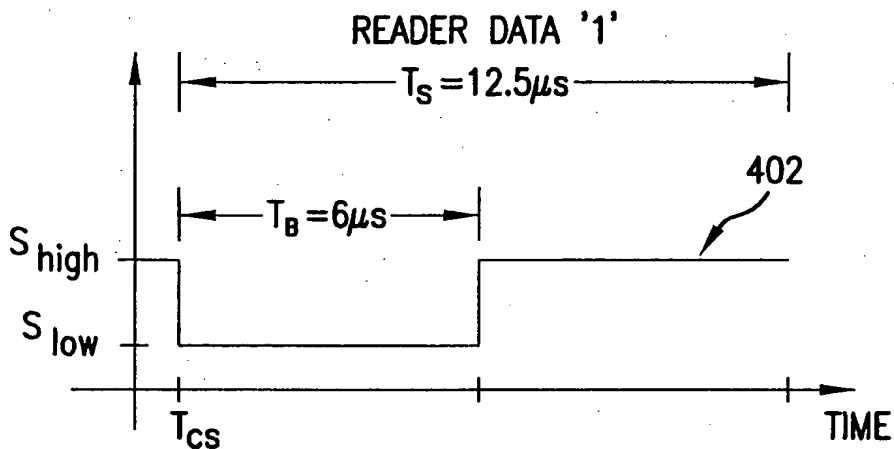


FIG. 4

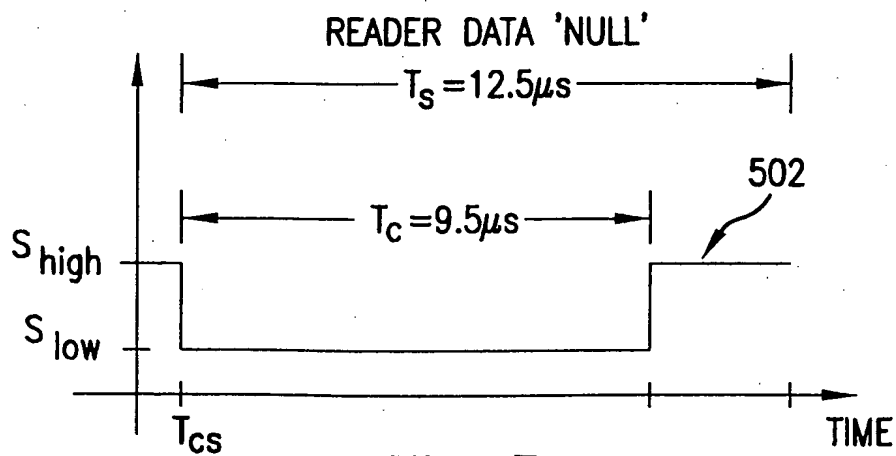


FIG. 5

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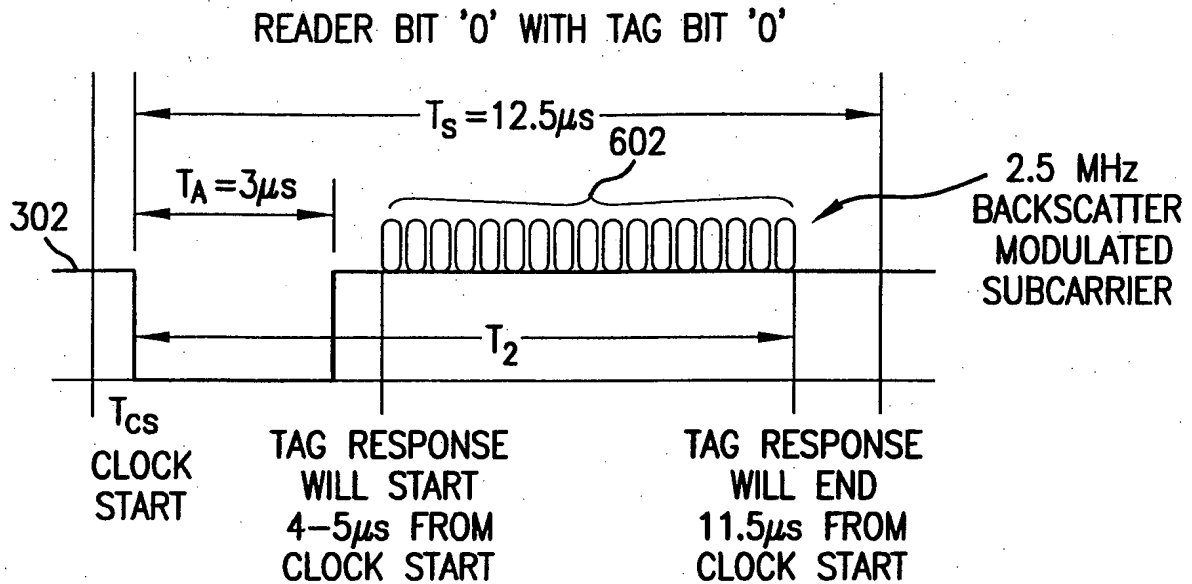


FIG. 6

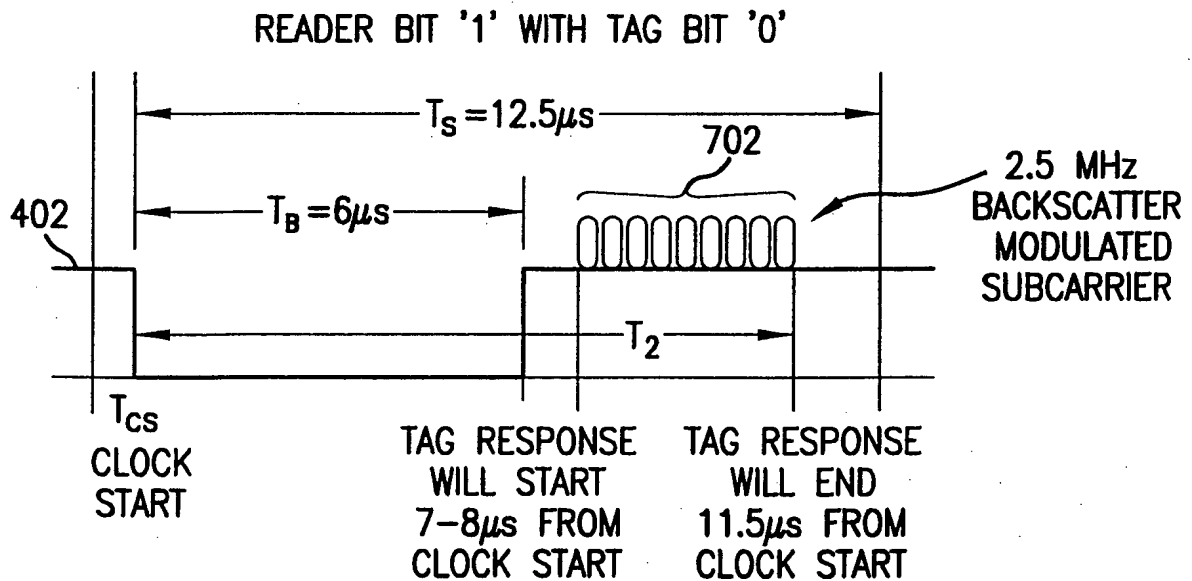


FIG. 7

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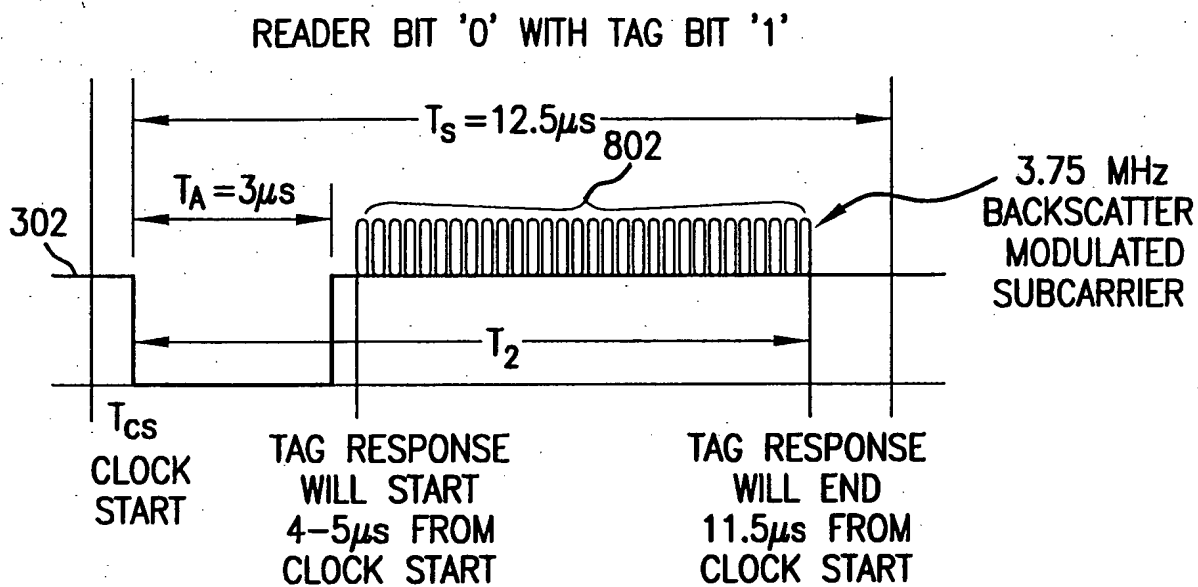


FIG. 8

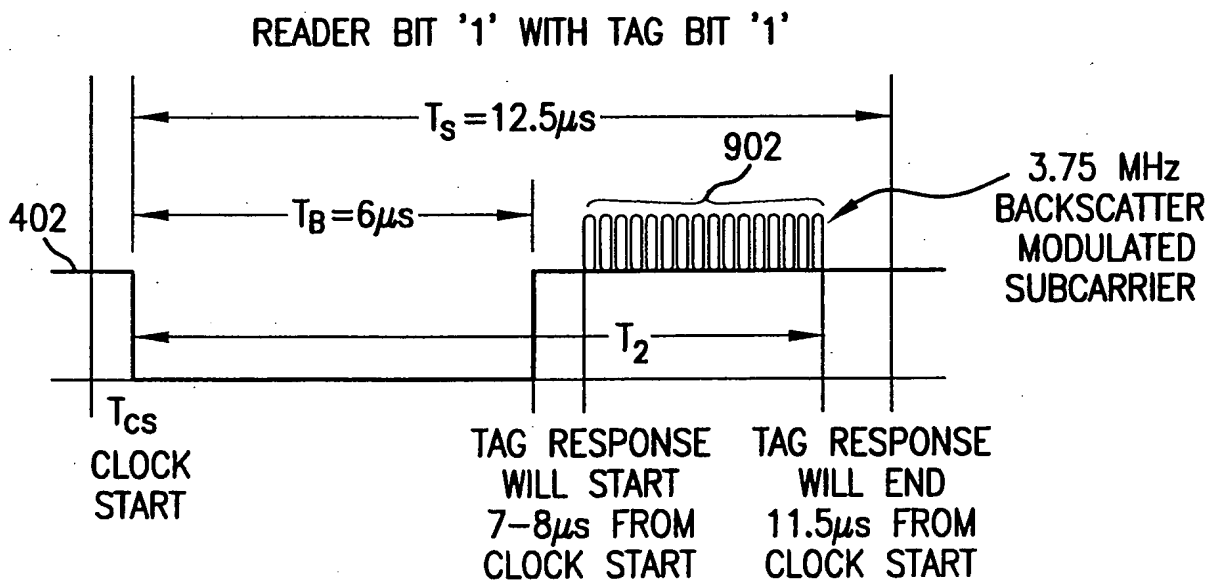


FIG. 9

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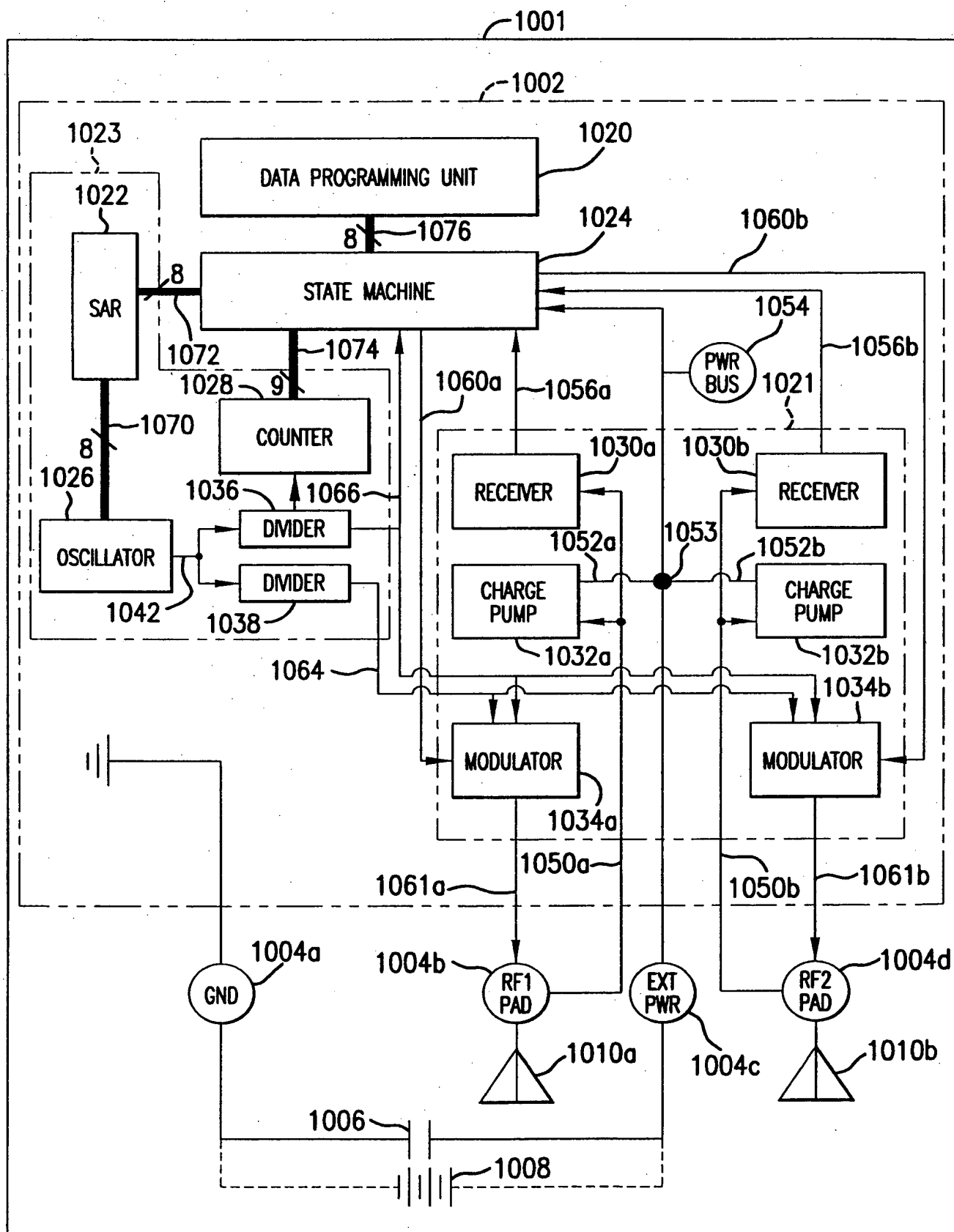


FIG. 10

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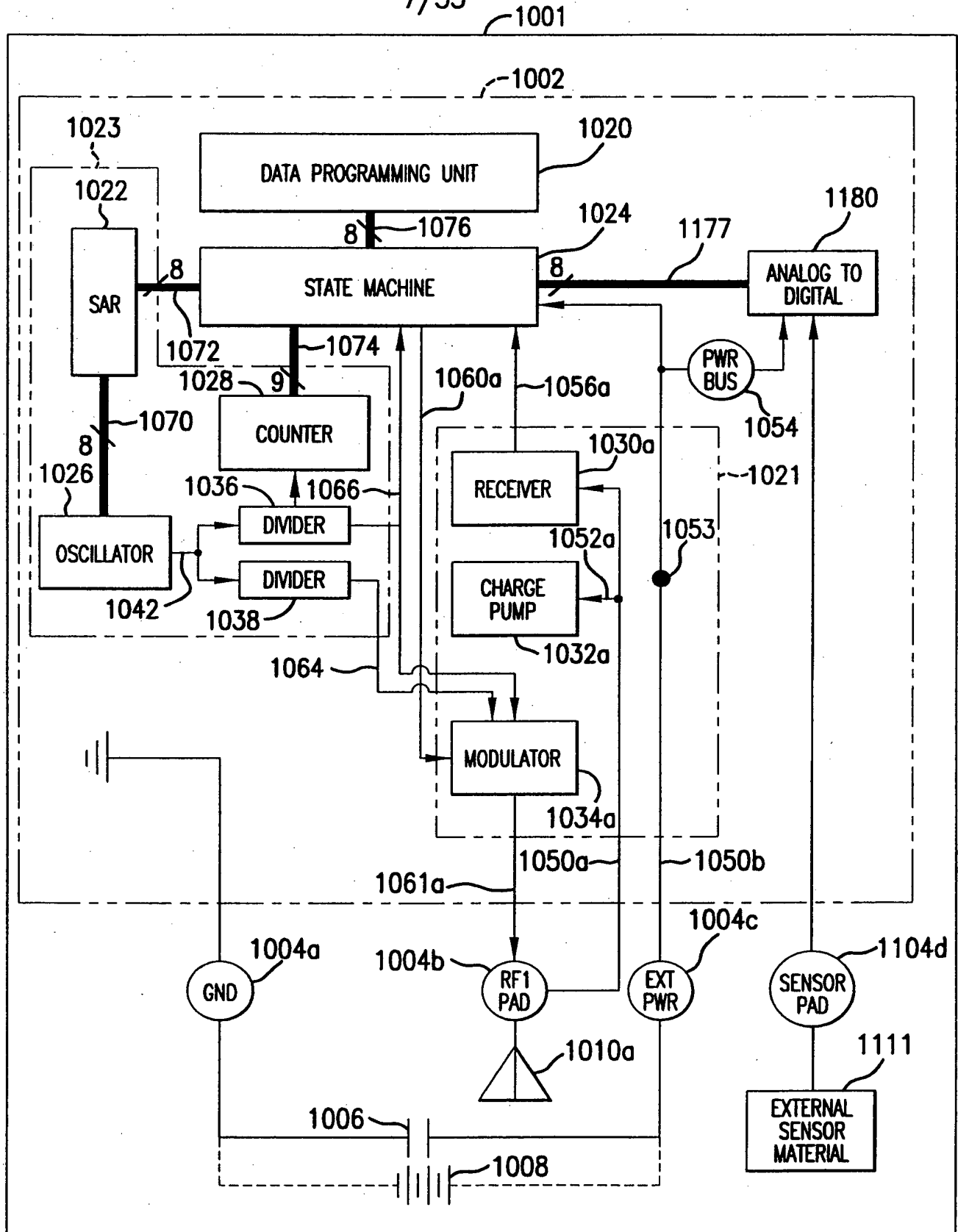


FIG. 11

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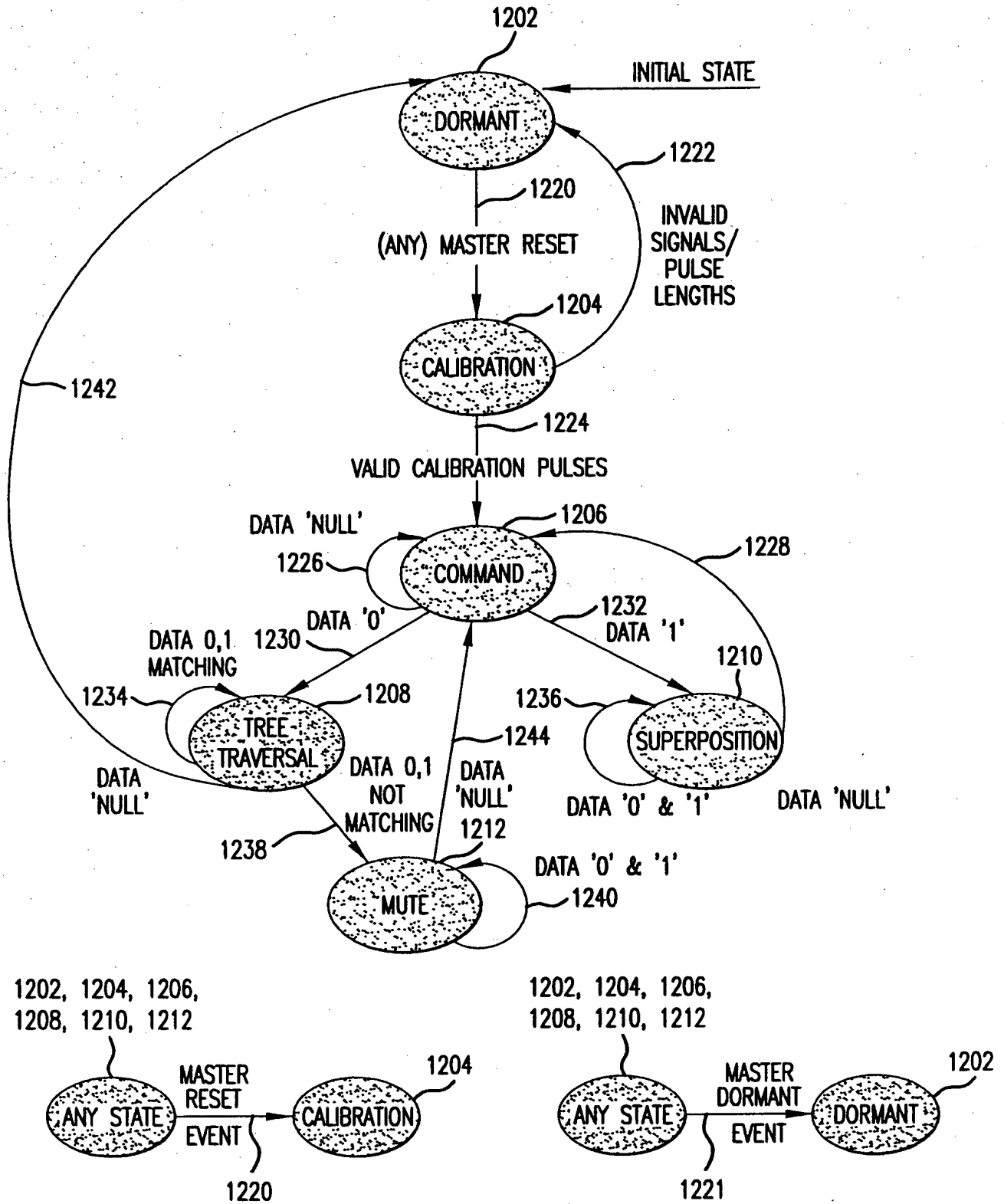


FIG. 12A

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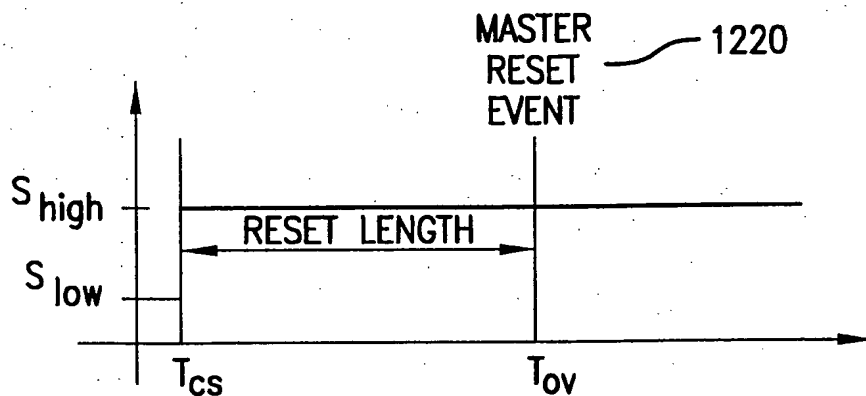


FIG. 12B

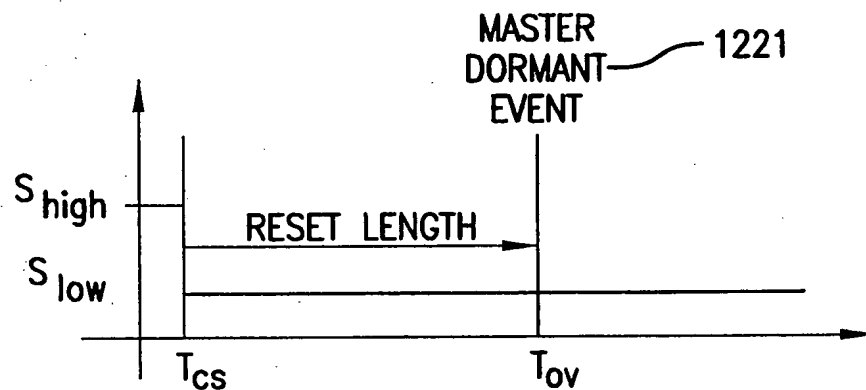


FIG. 12C

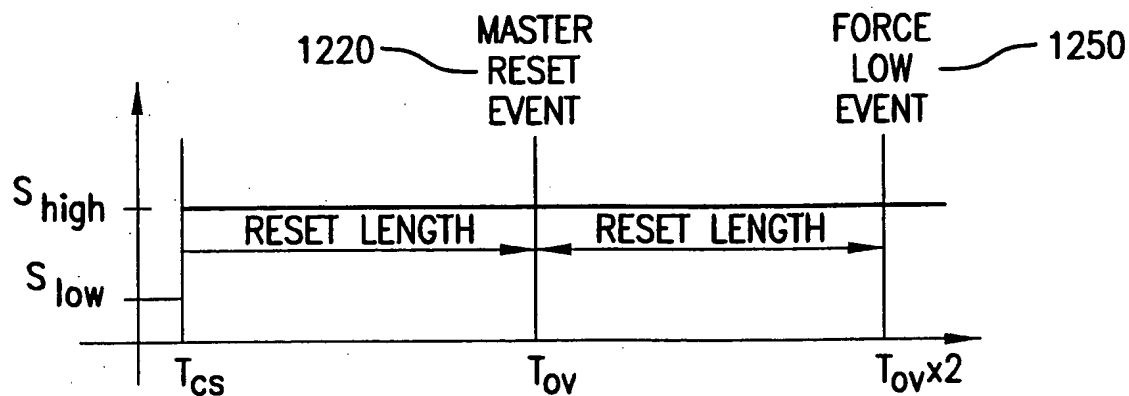
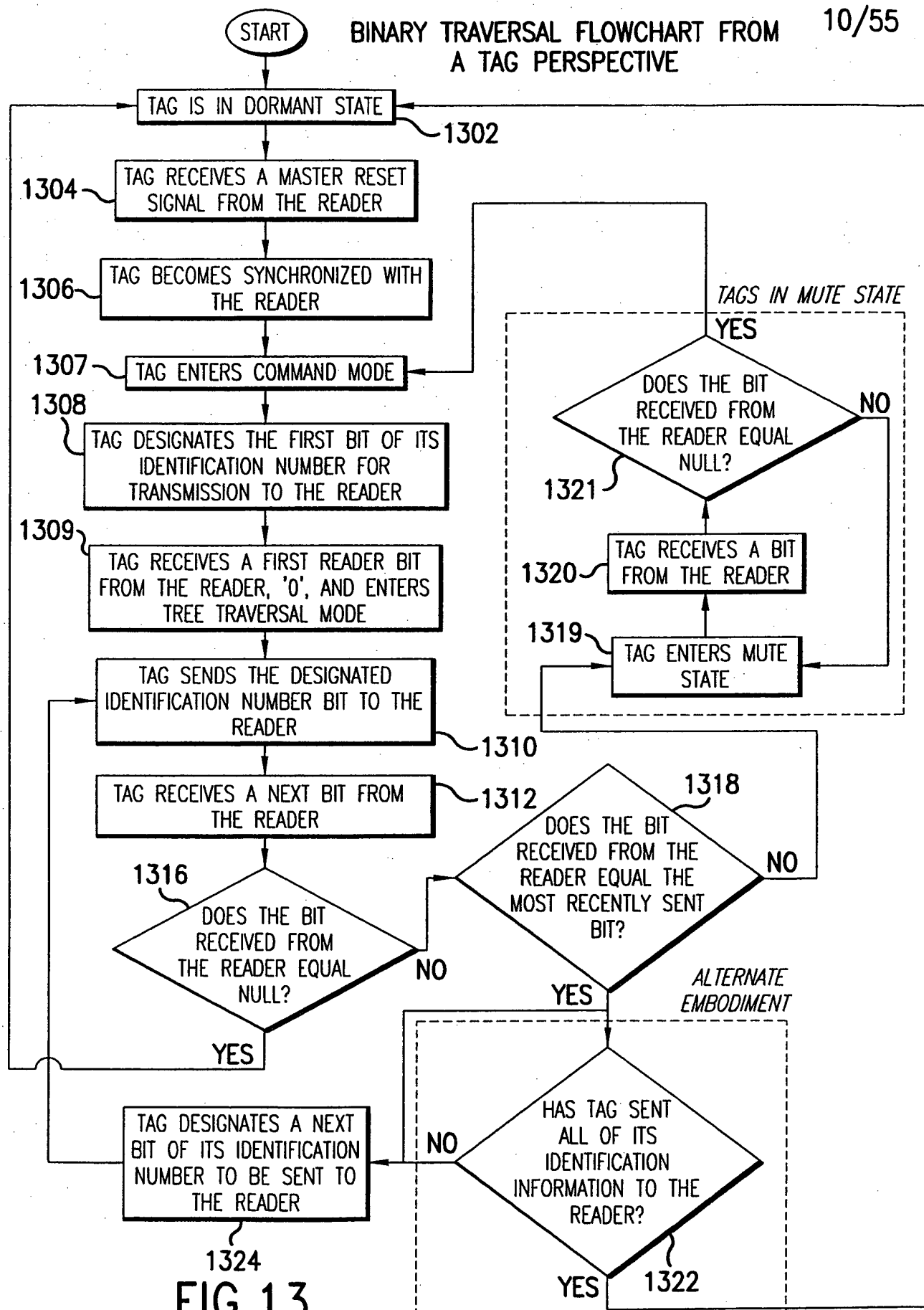


FIG. 12D

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READ SPECIFIC TAG, READER PERSPECTIVE

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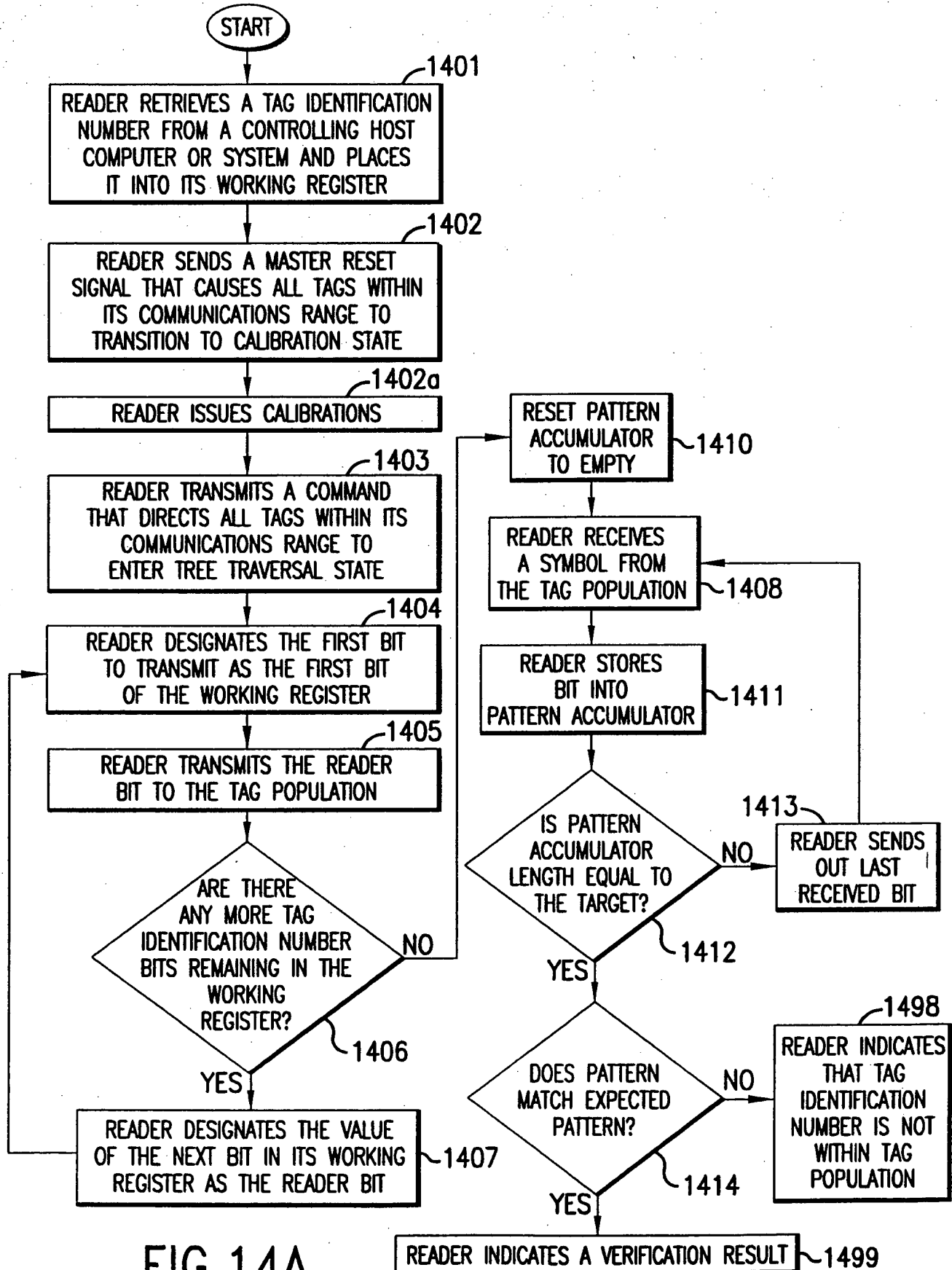


FIG. 14A

READ SPECIFIC TAG, ALT., 12/55
 READER PERSPECTIVE

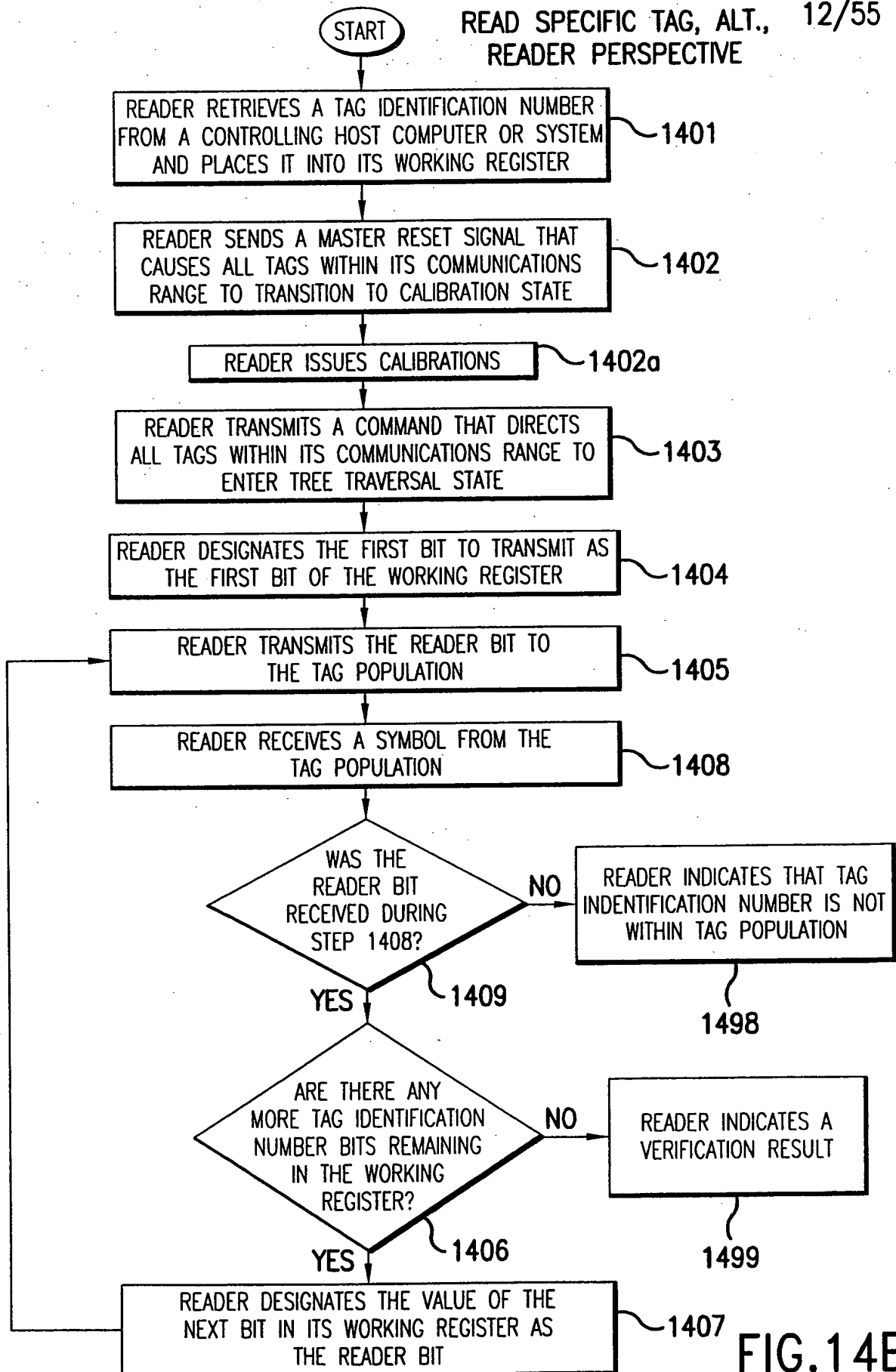


FIG.14B

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READ ALL TAGS, READER PERSPECTIVES

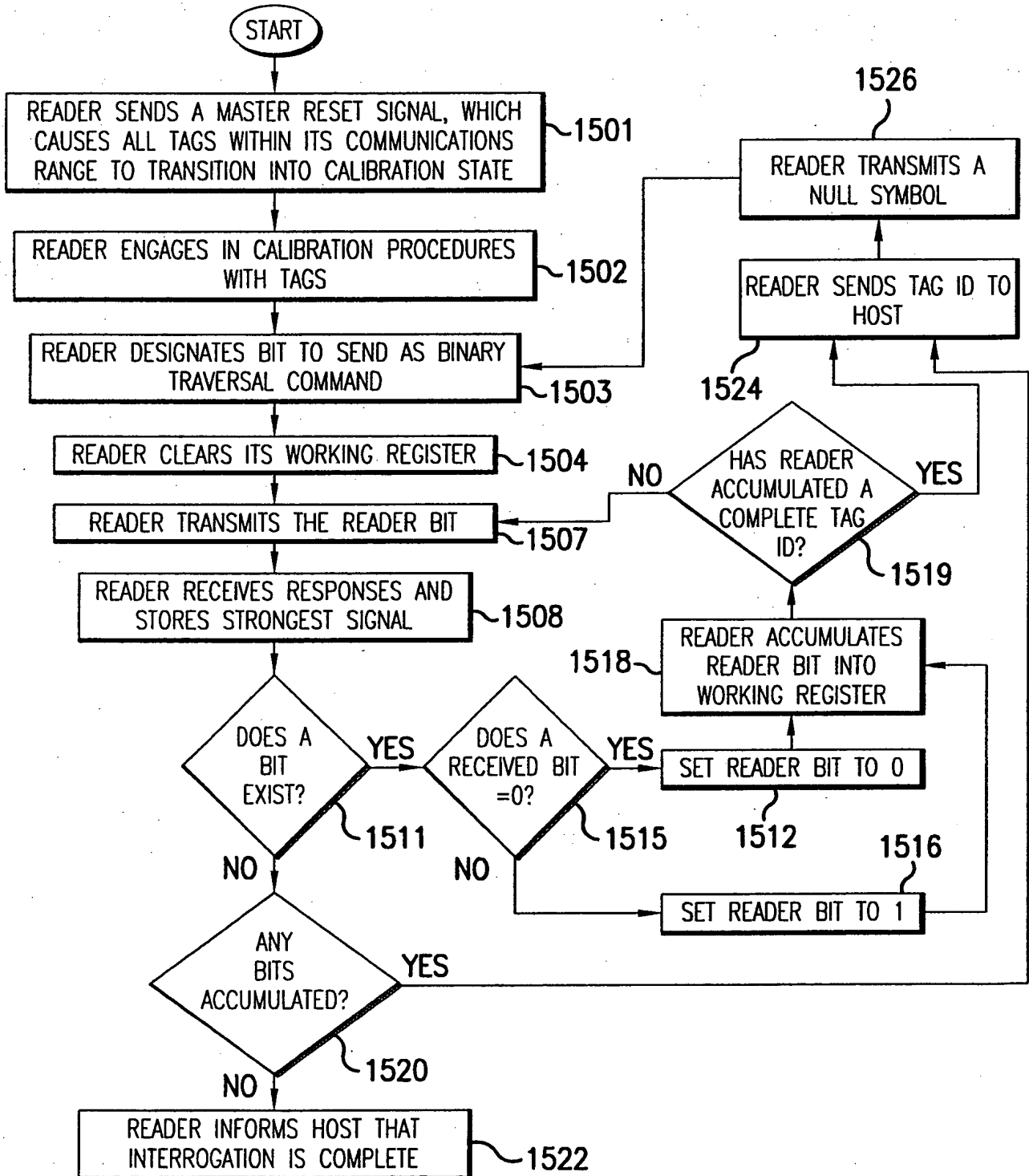


FIG.15A

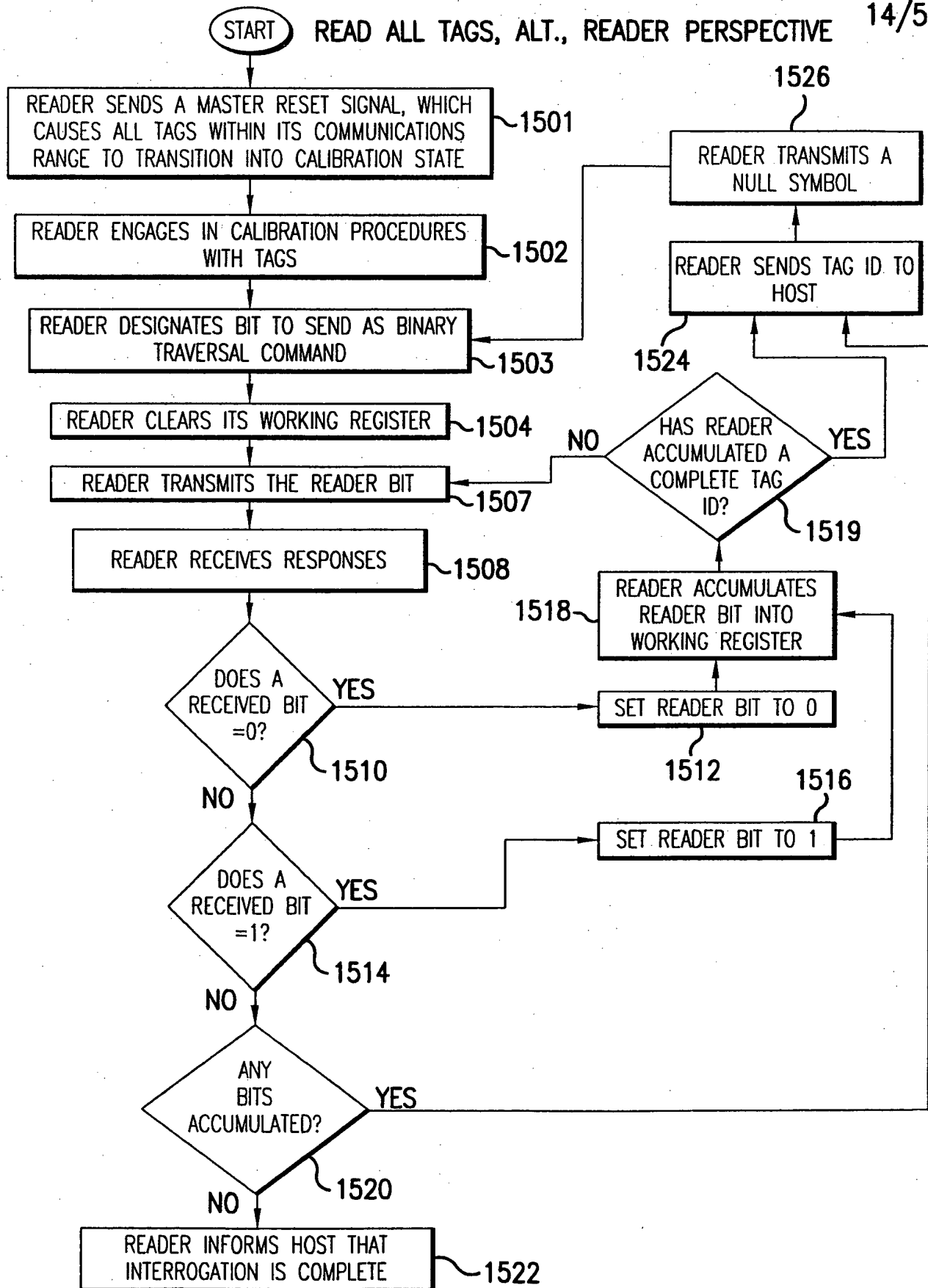


FIG.15B

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BINARY TRAVERAL PATHS AND TREE FOR A 3-BIT TAG POPULATION

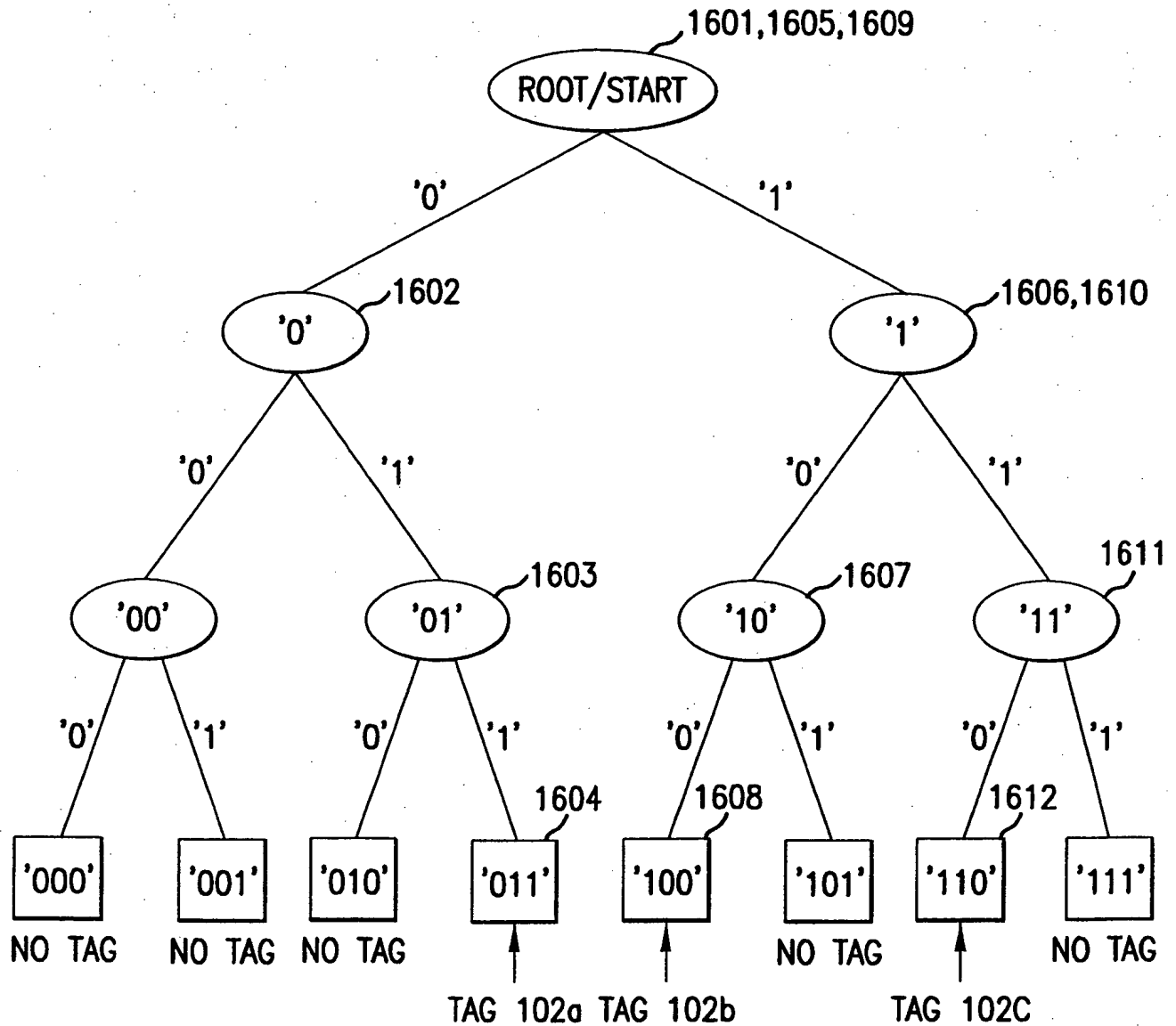


FIG. 16

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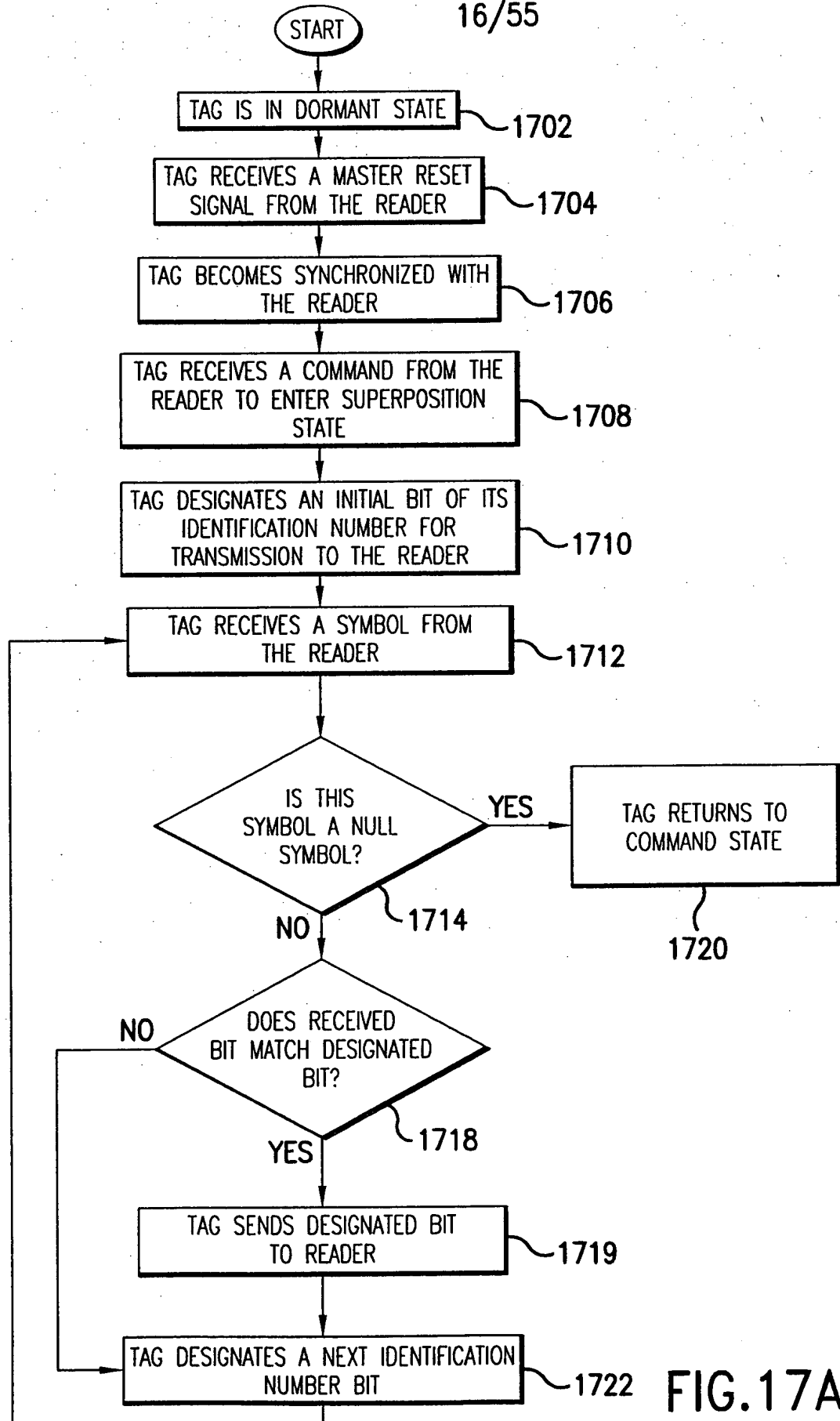
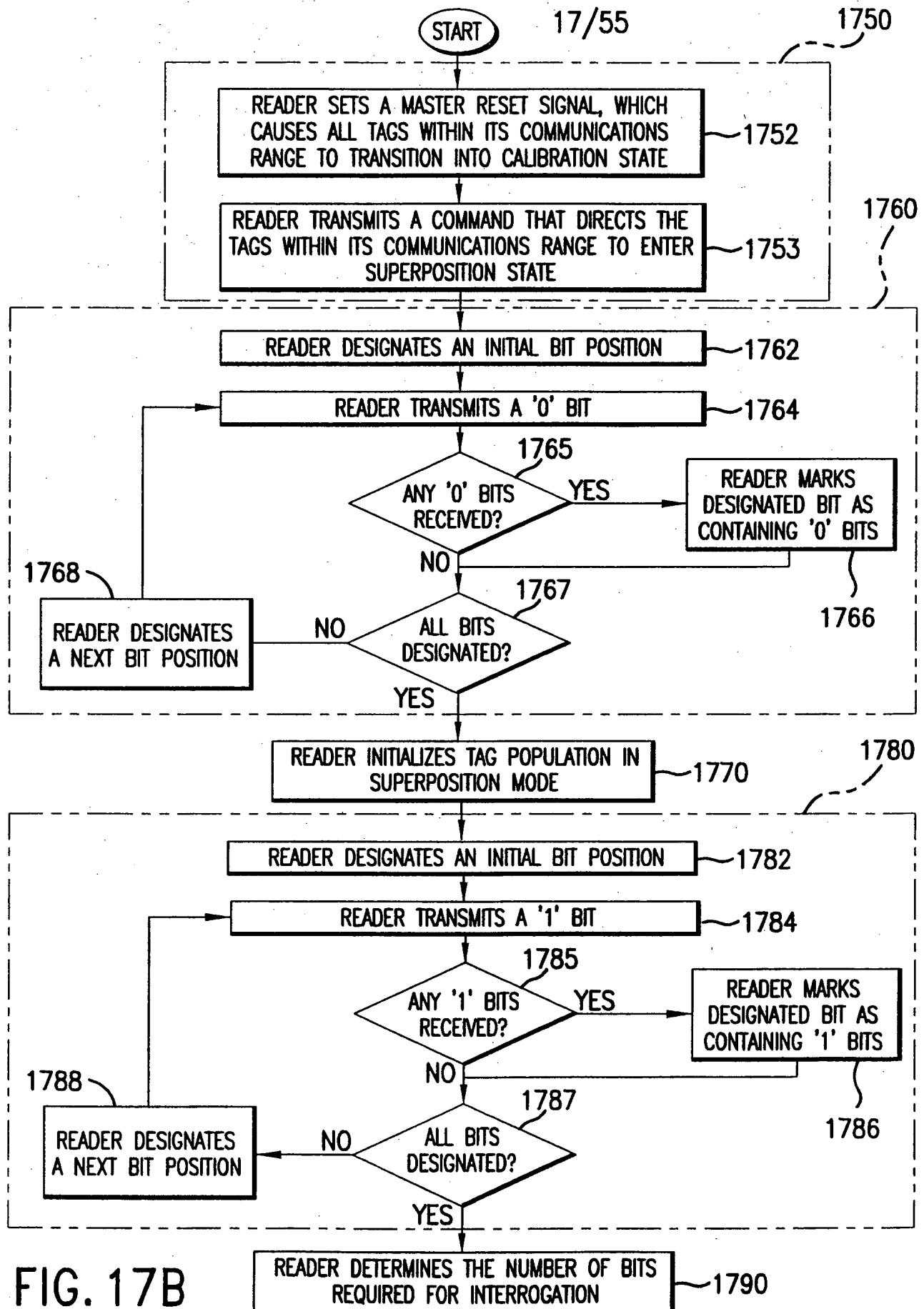


FIG. 17A



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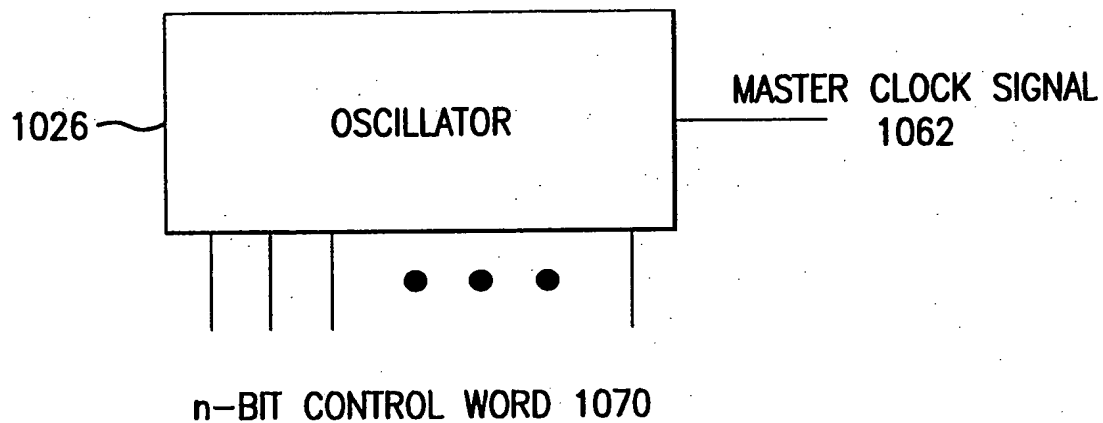


FIG. 18

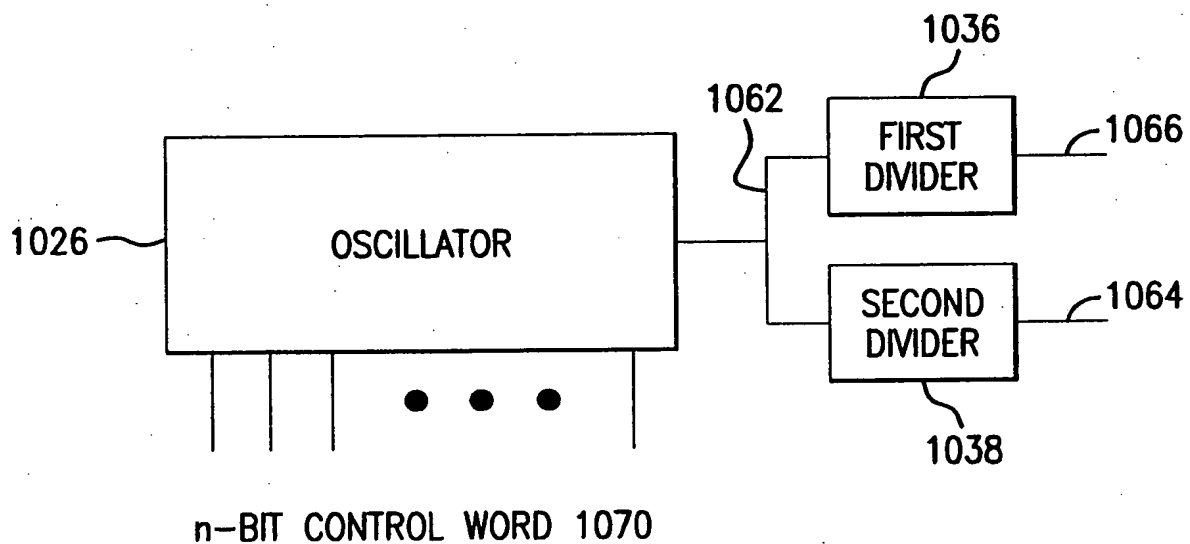


FIG. 19

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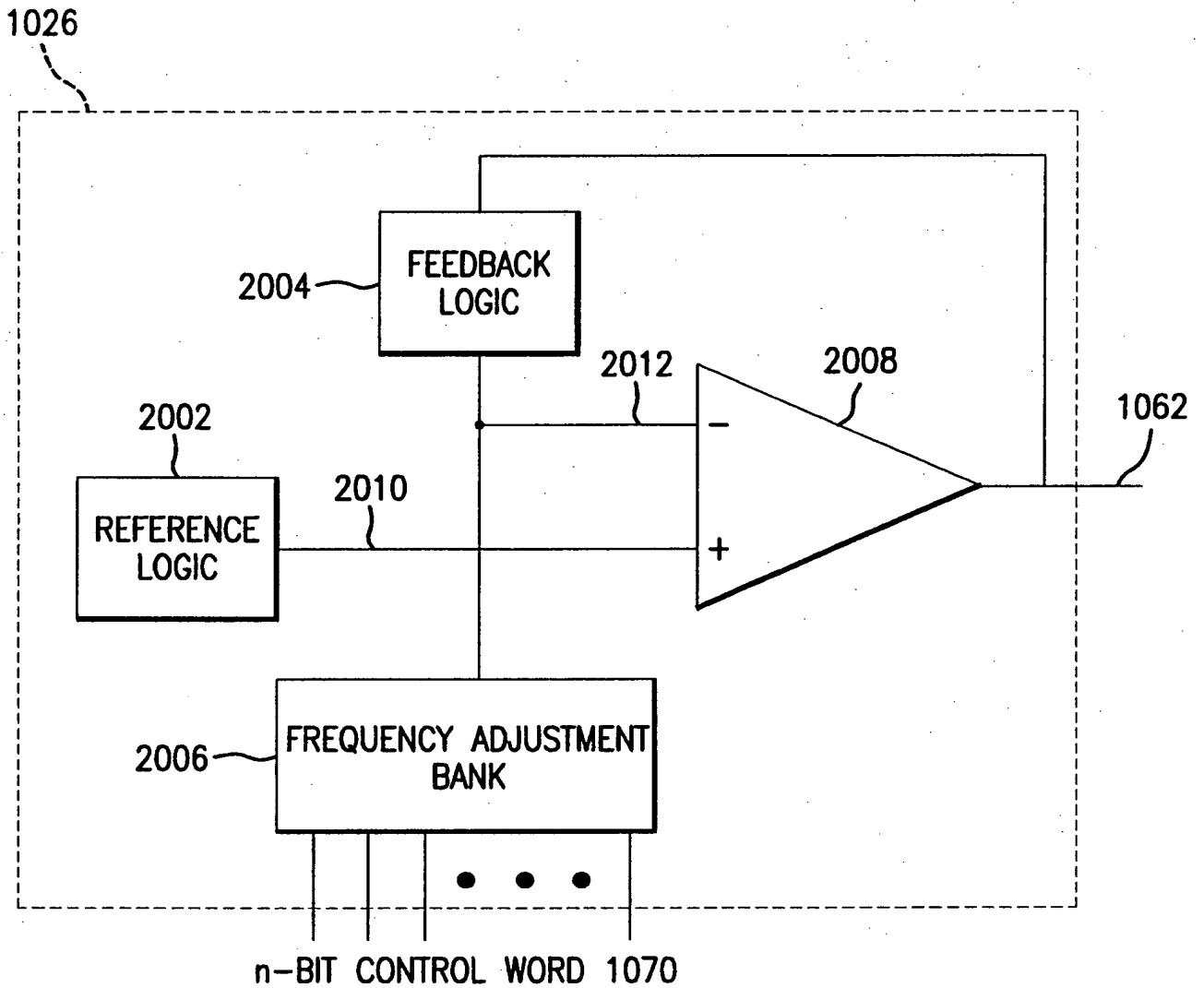


FIG. 20

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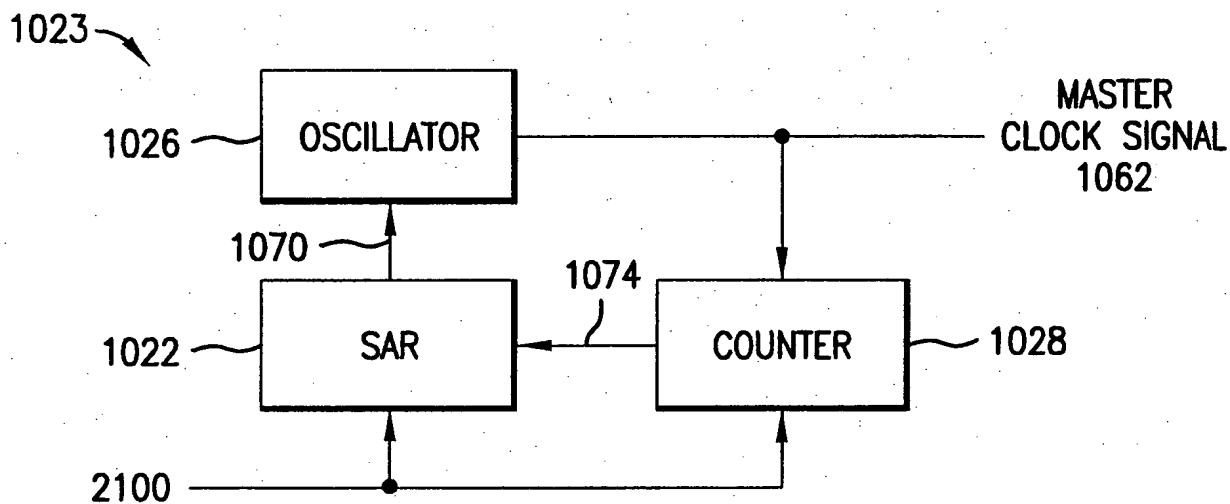


FIG. 21A

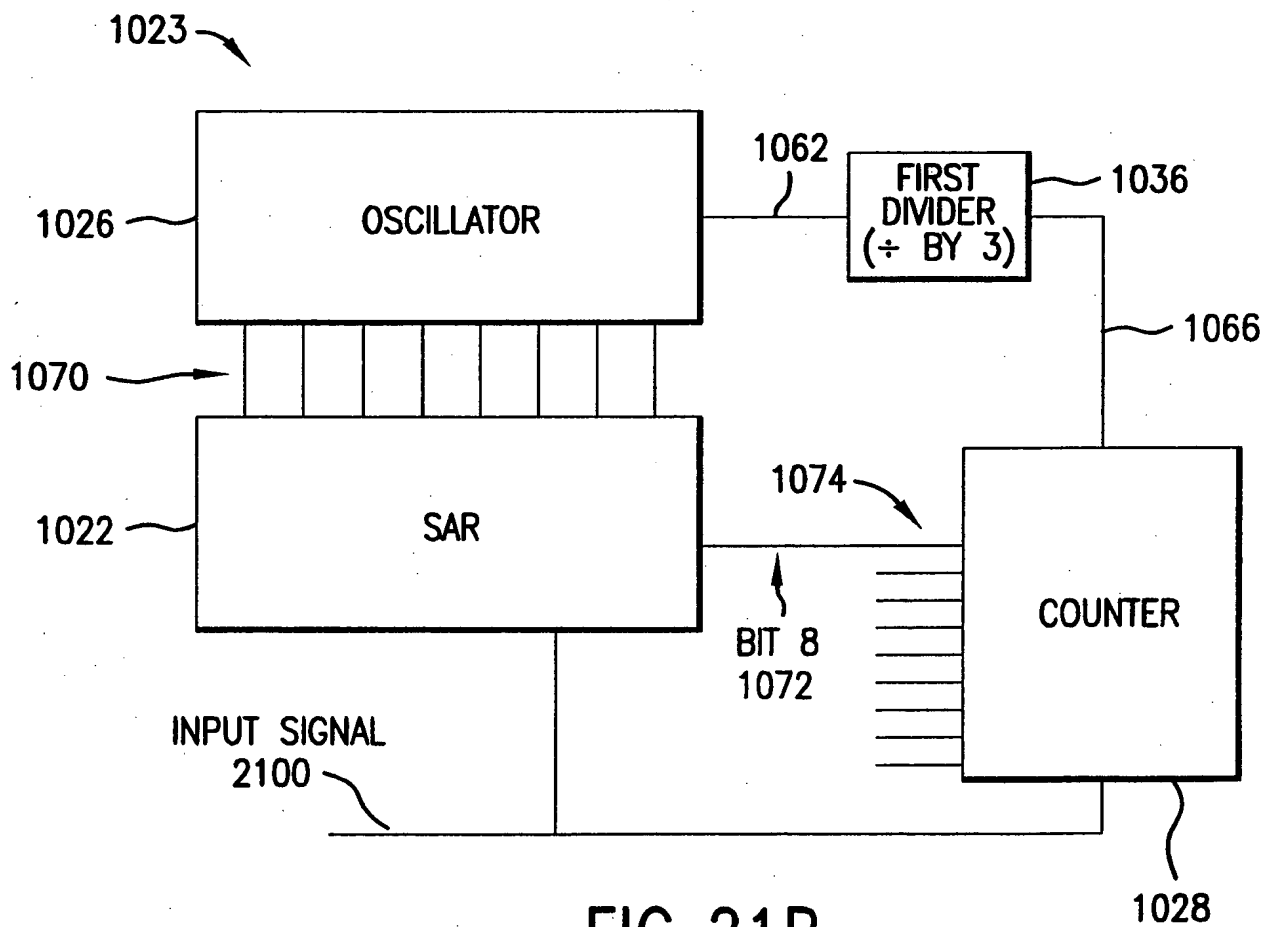


FIG. 21B

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CONCEPTUAL IMPLEMENTATION OF SAR CALIBRATION

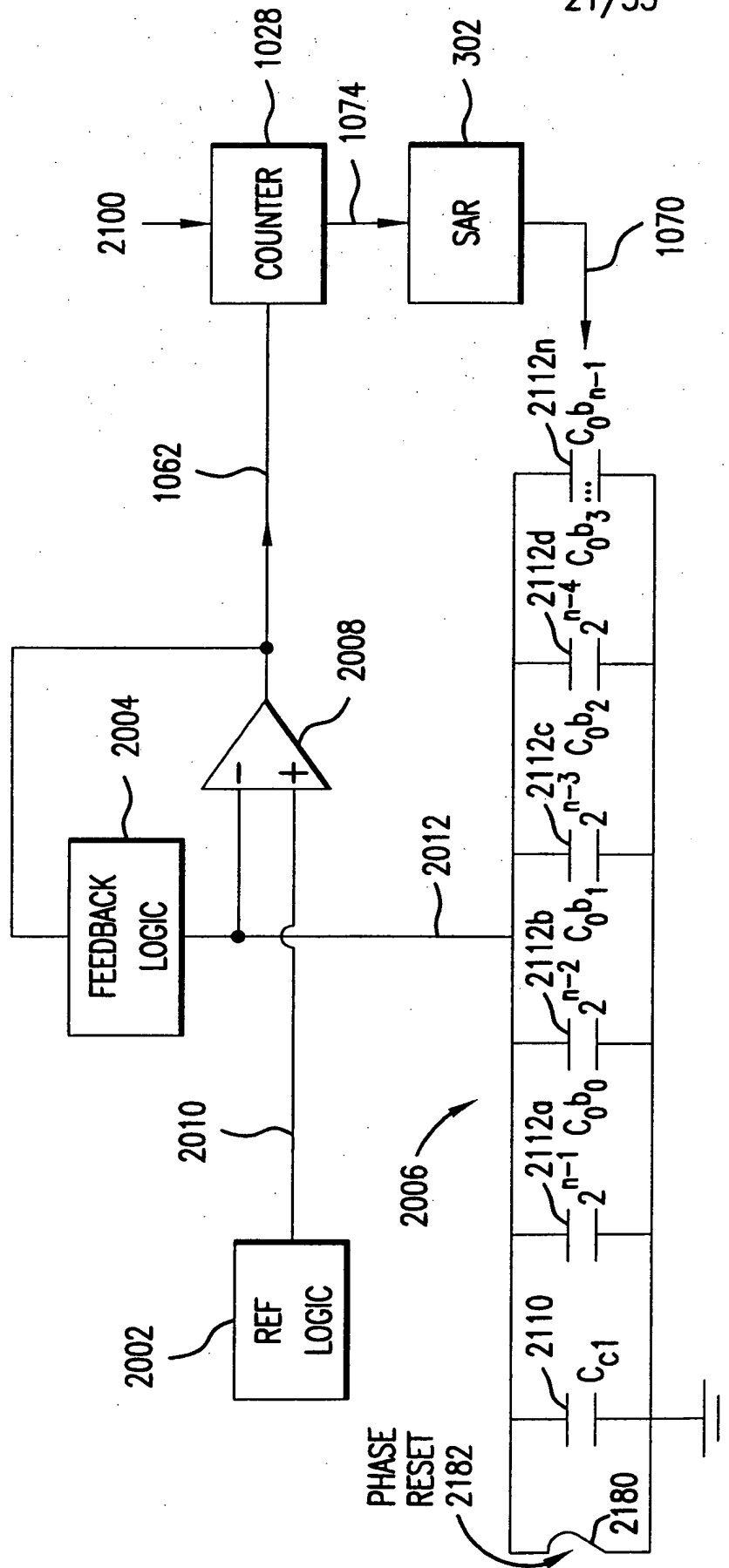


FIG. 21C

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PHYSICAL IMPLEMENTATION OF ADJUSTABLE CAPACITOR BANK

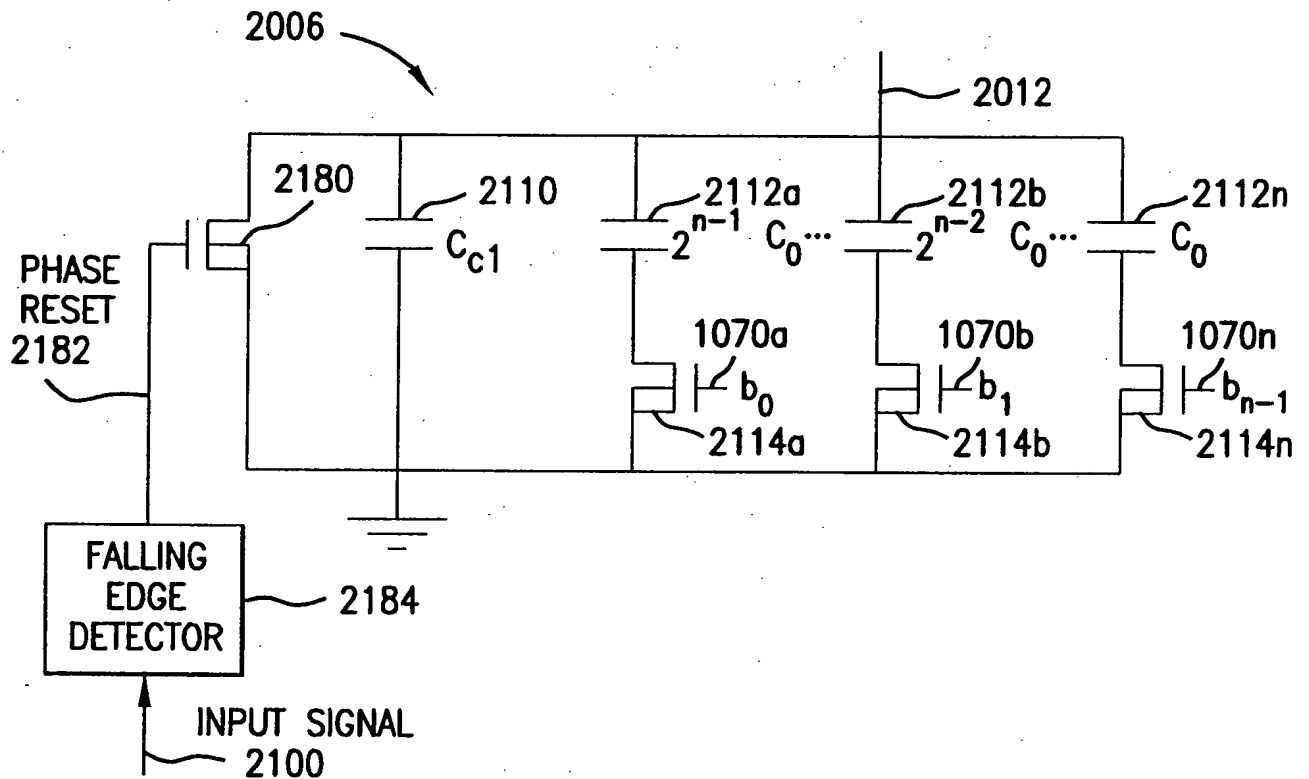
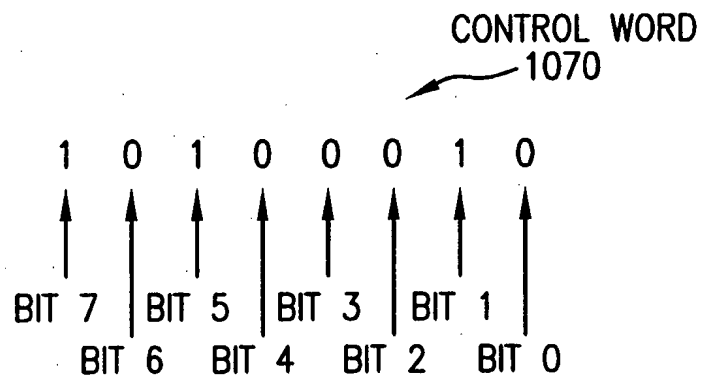
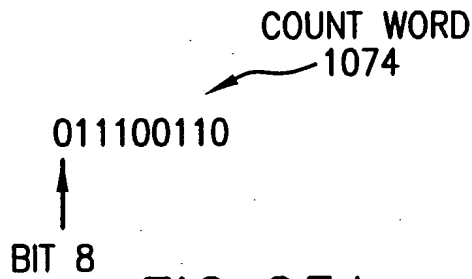
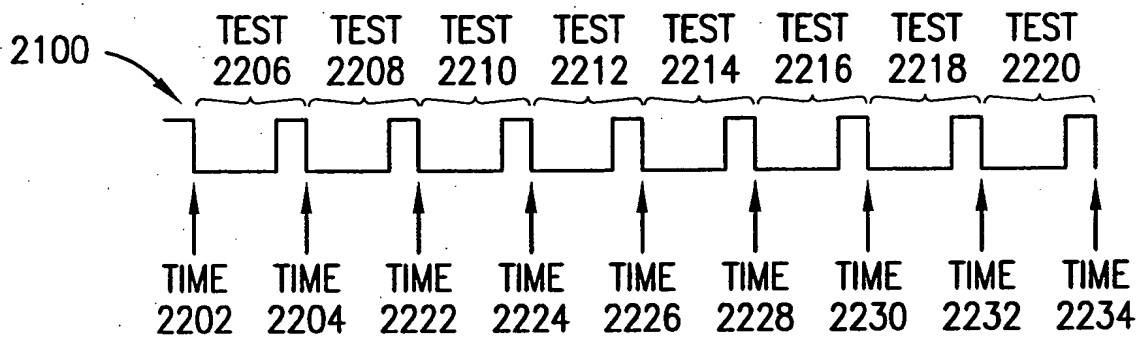
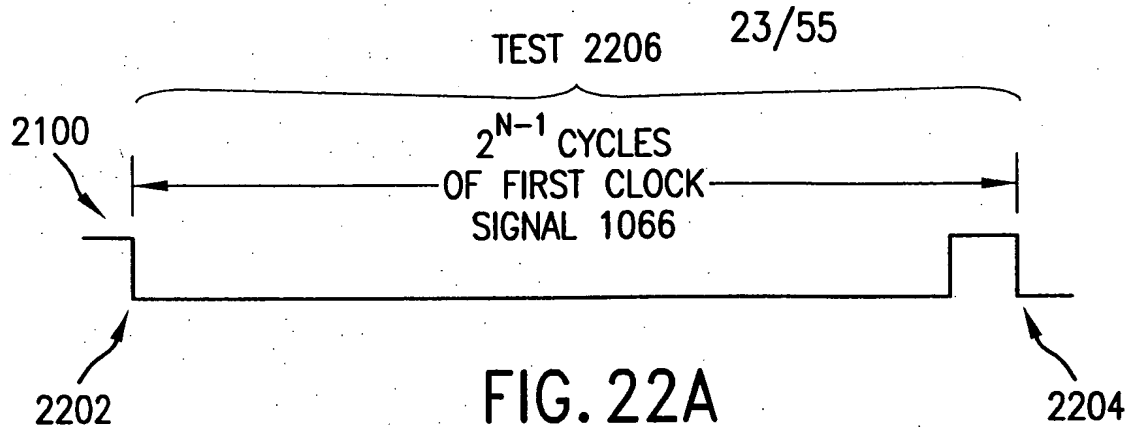


FIG. 21D



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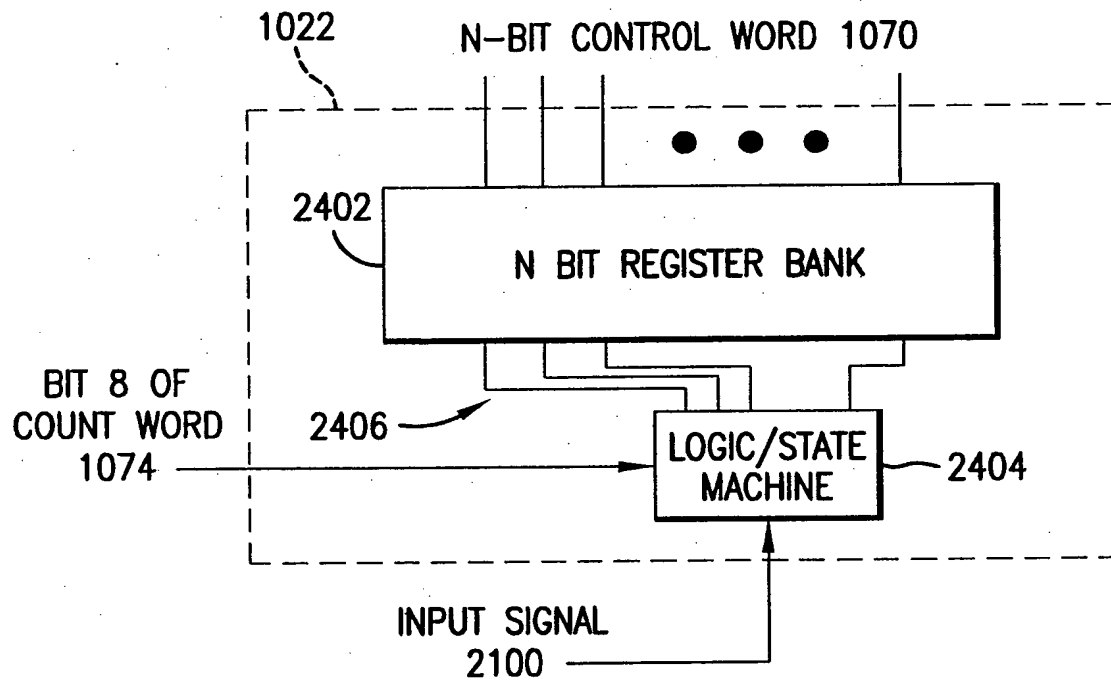


FIG. 24

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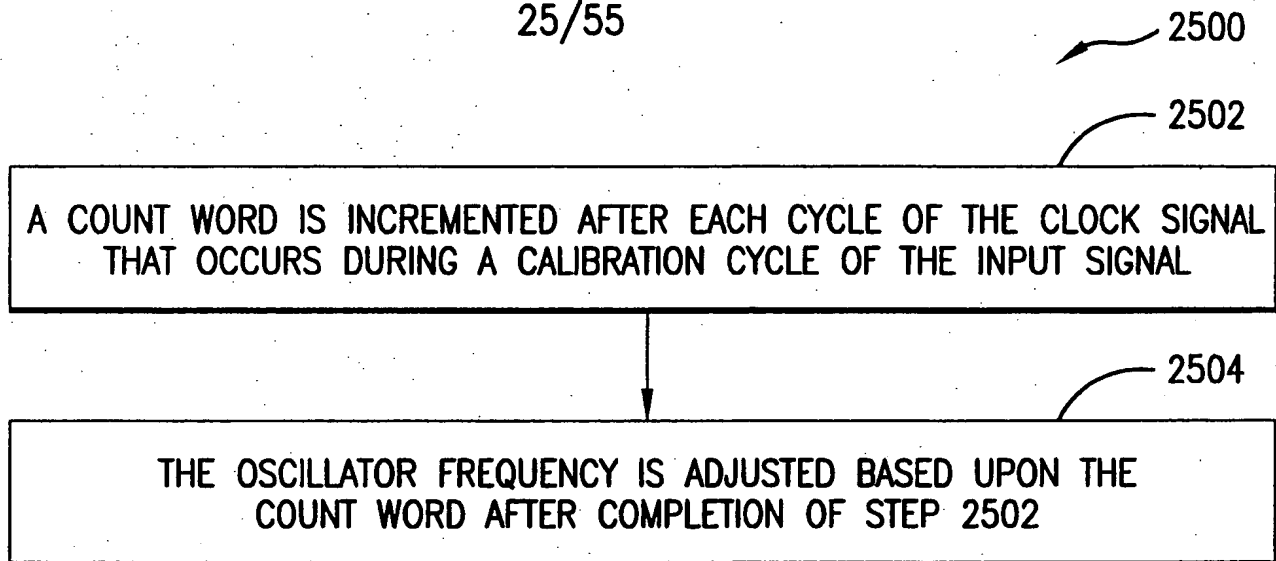


FIG. 25A

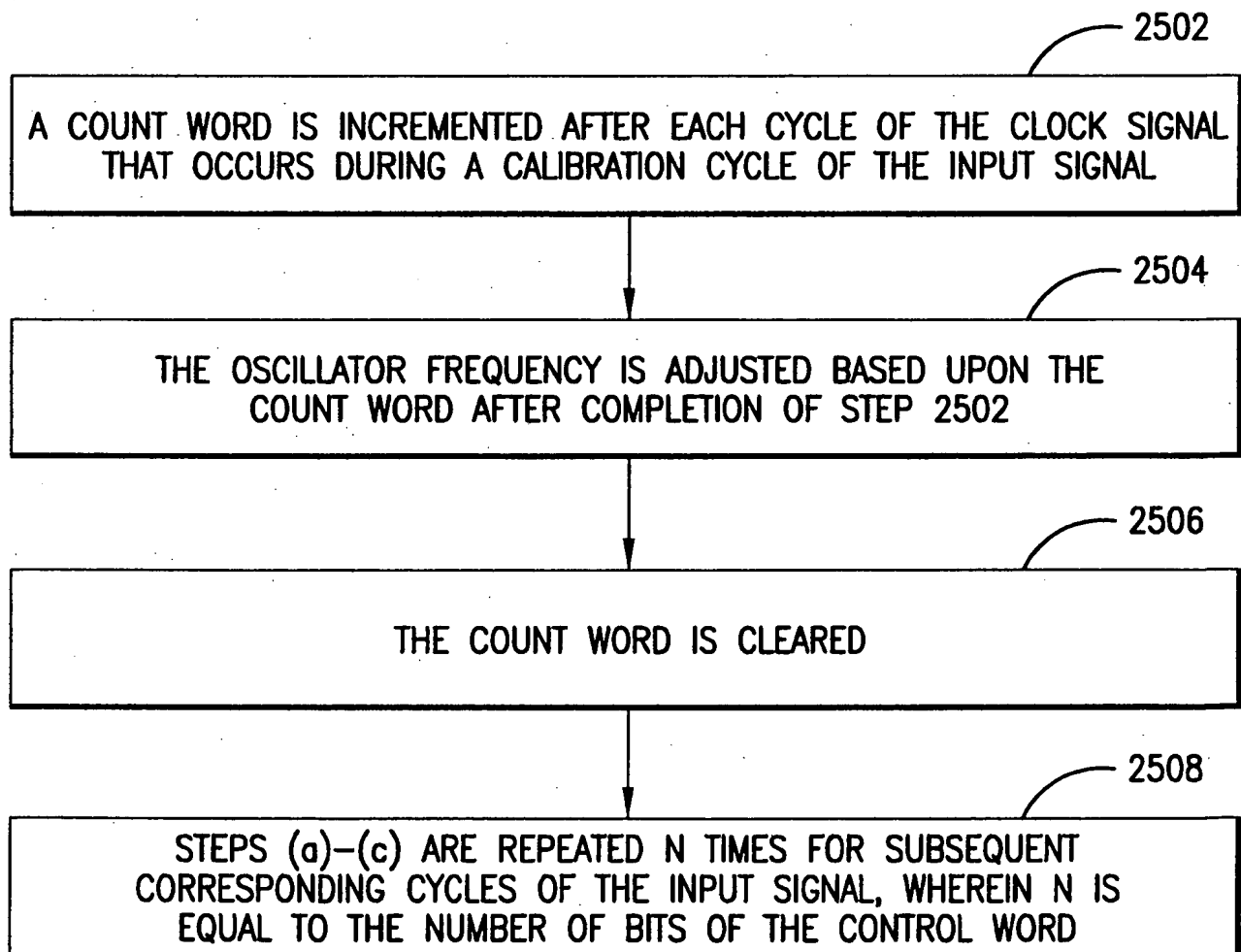


FIG. 25B

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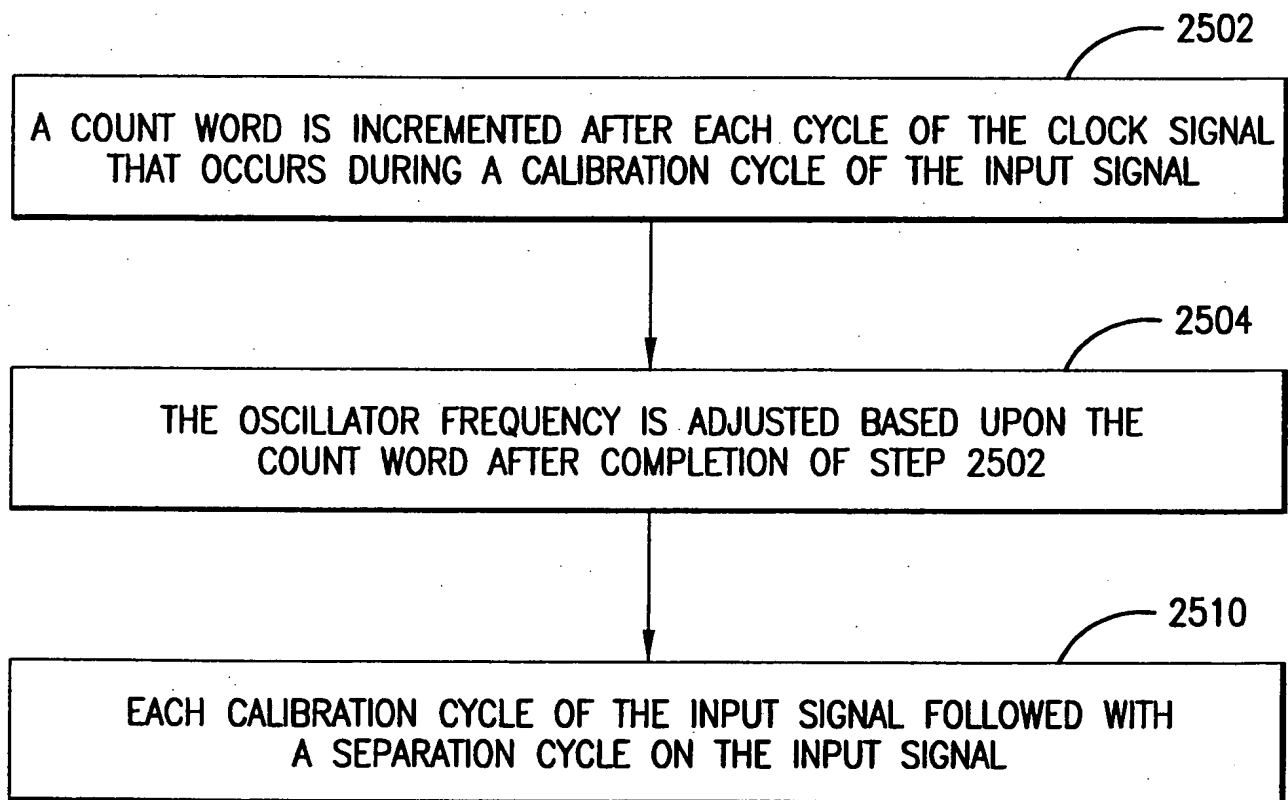


FIG. 25C

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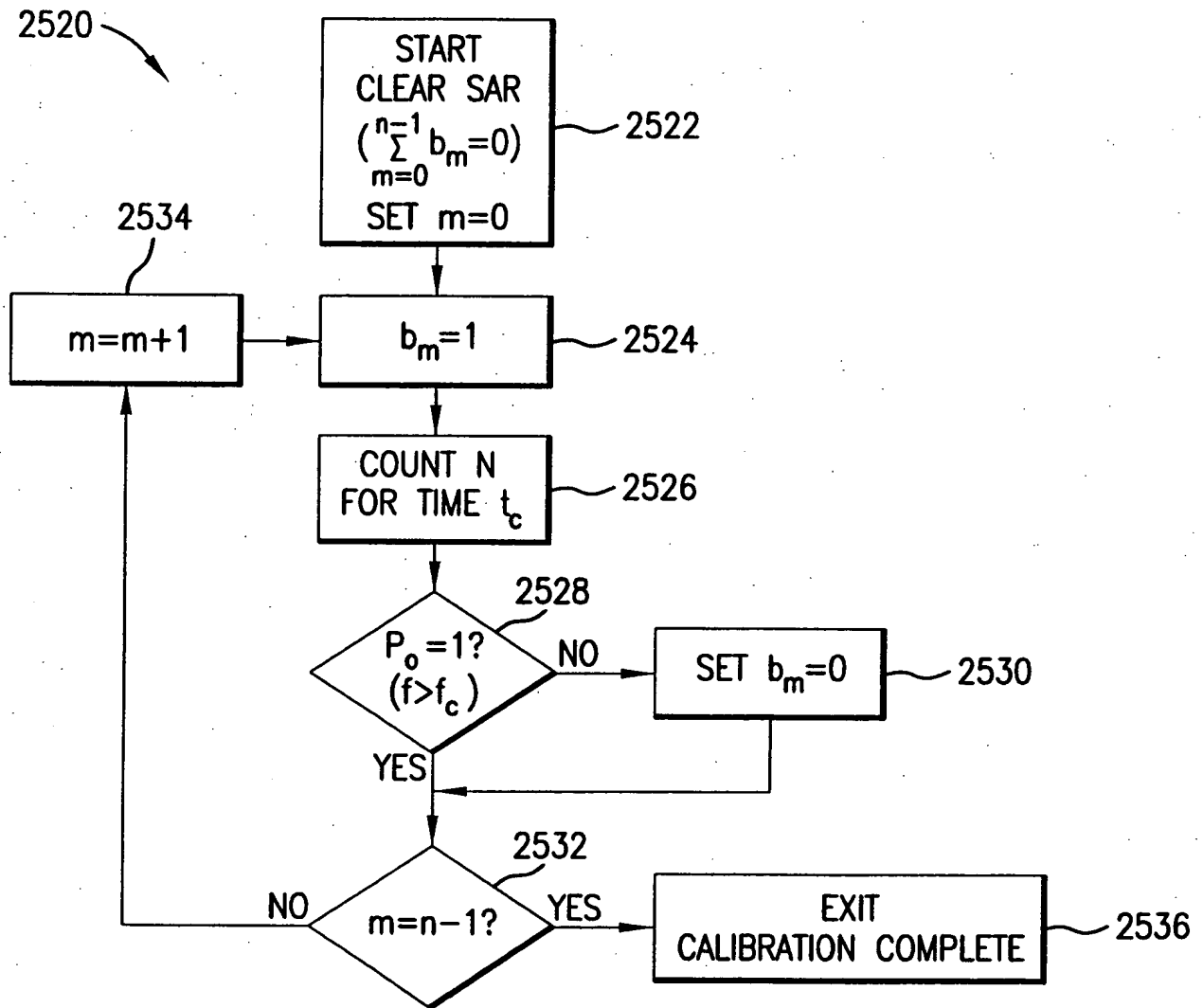


FIG. 25D

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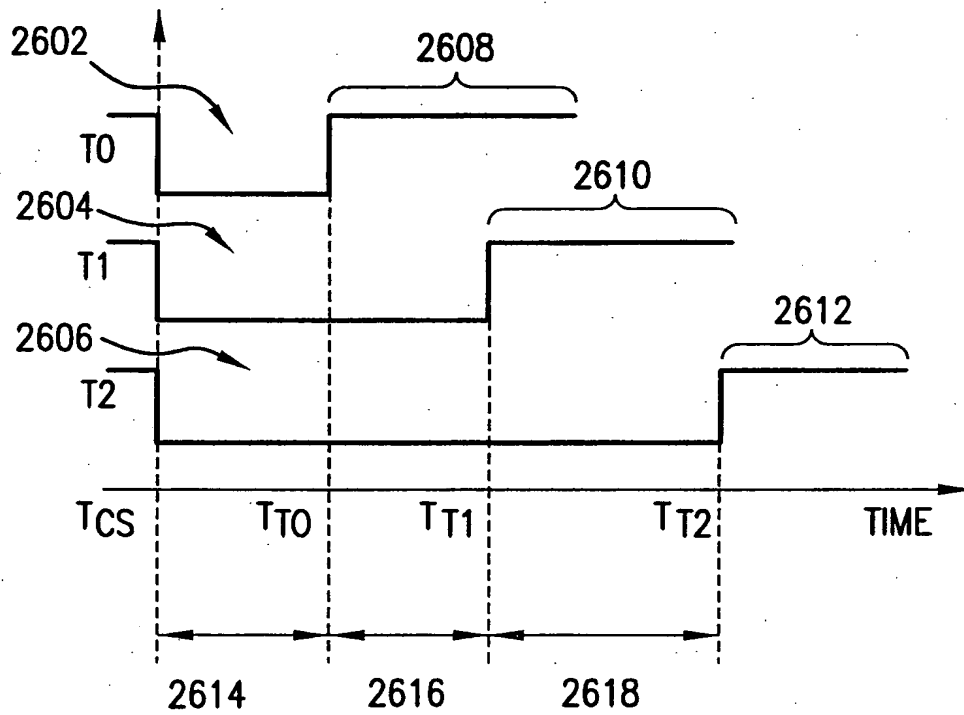


FIG.26A

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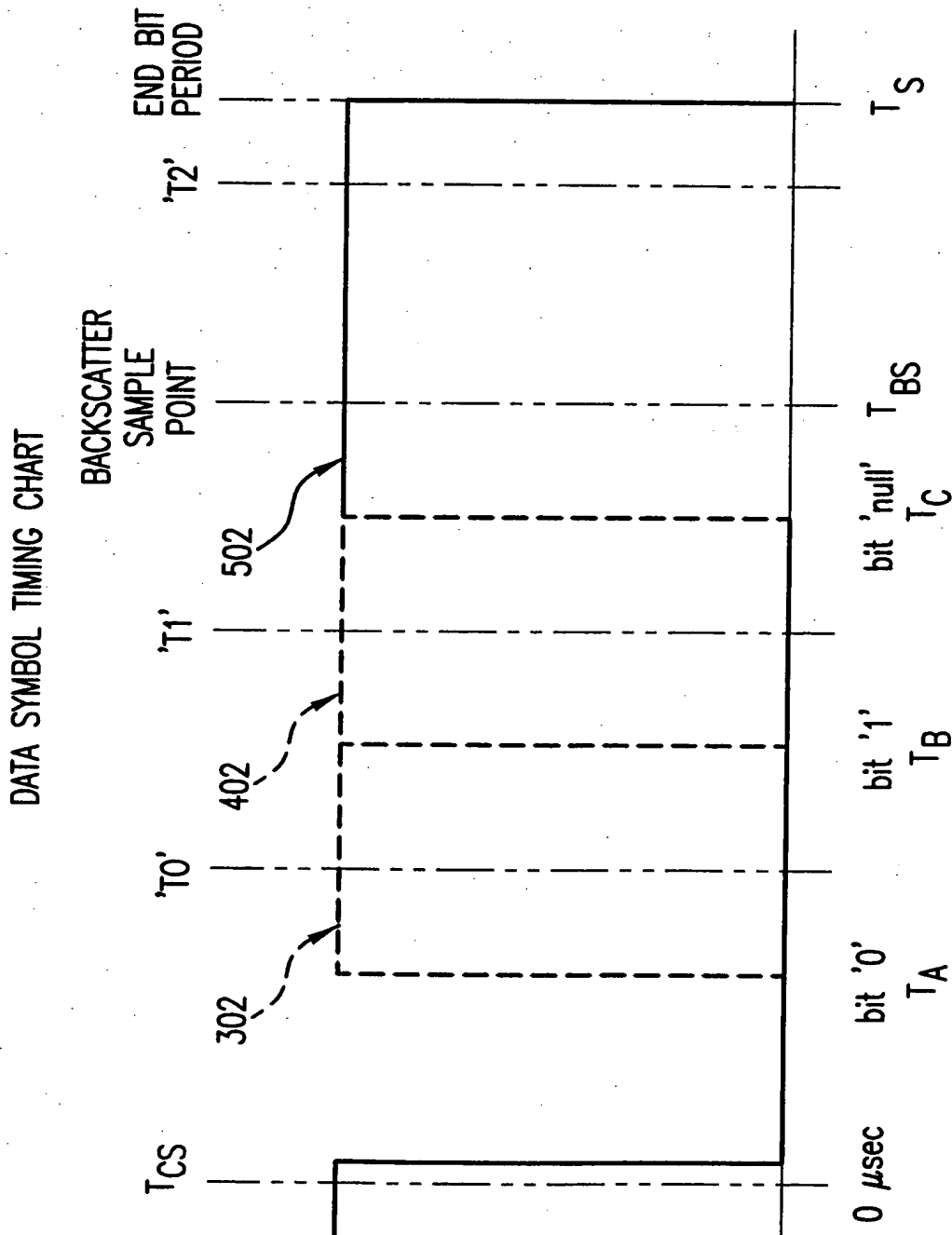


FIG.26B

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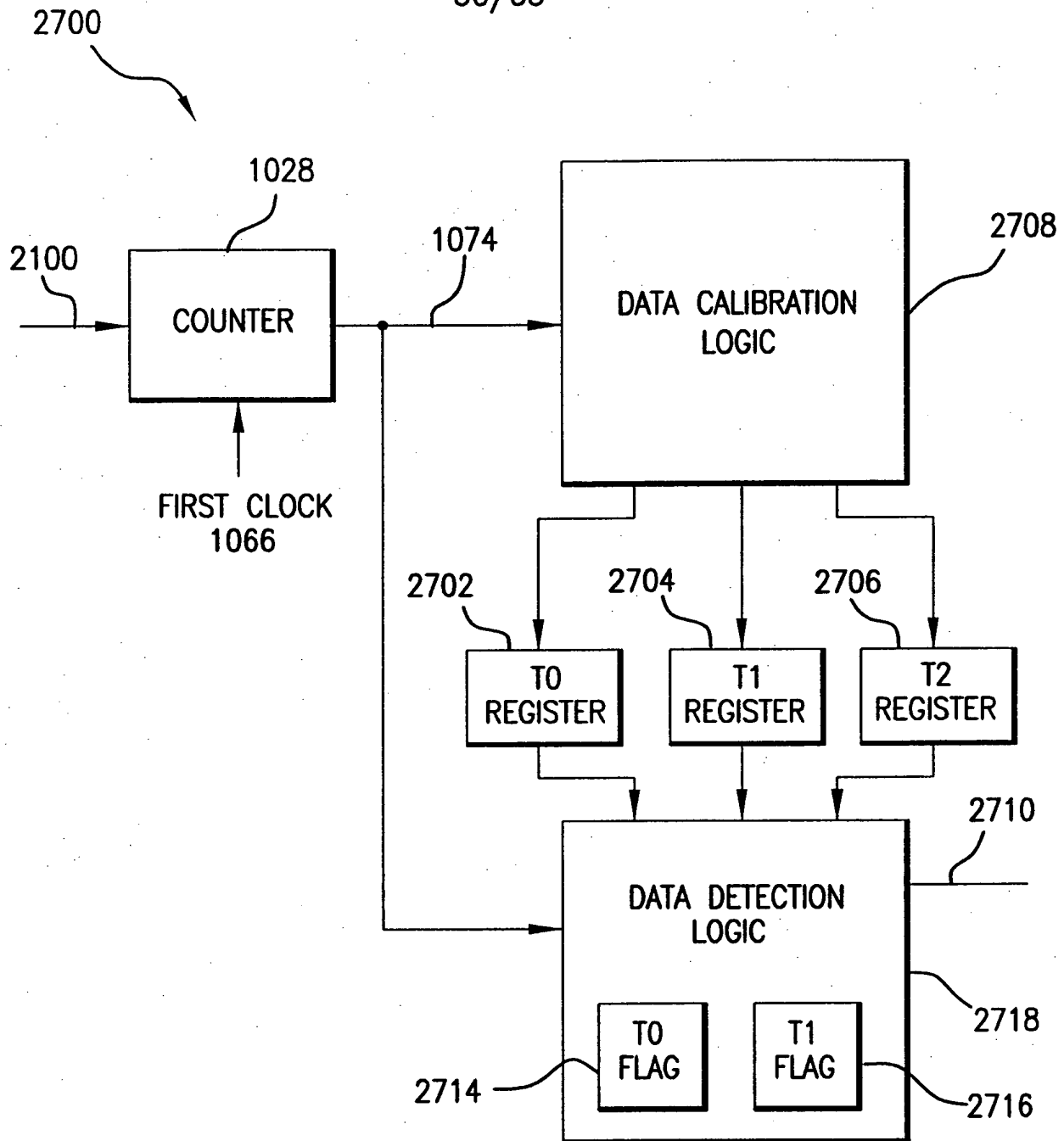


FIG.27

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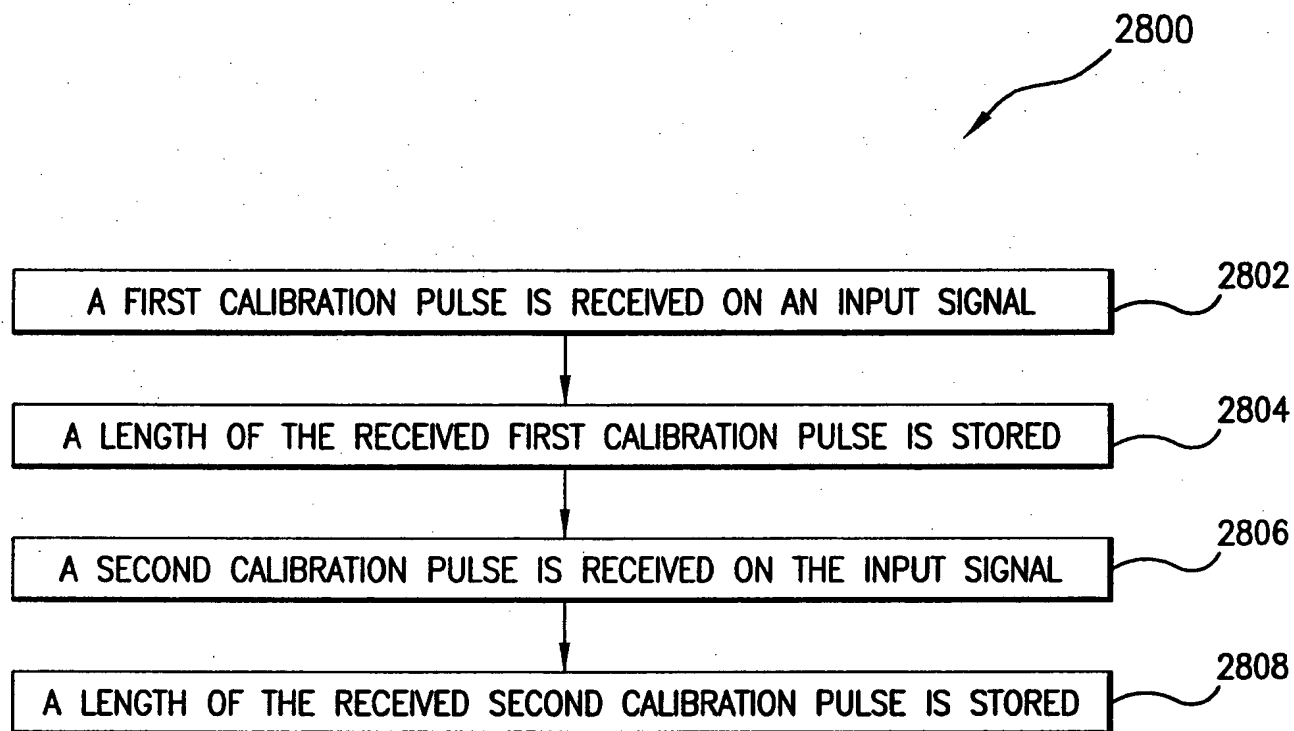


FIG.28A

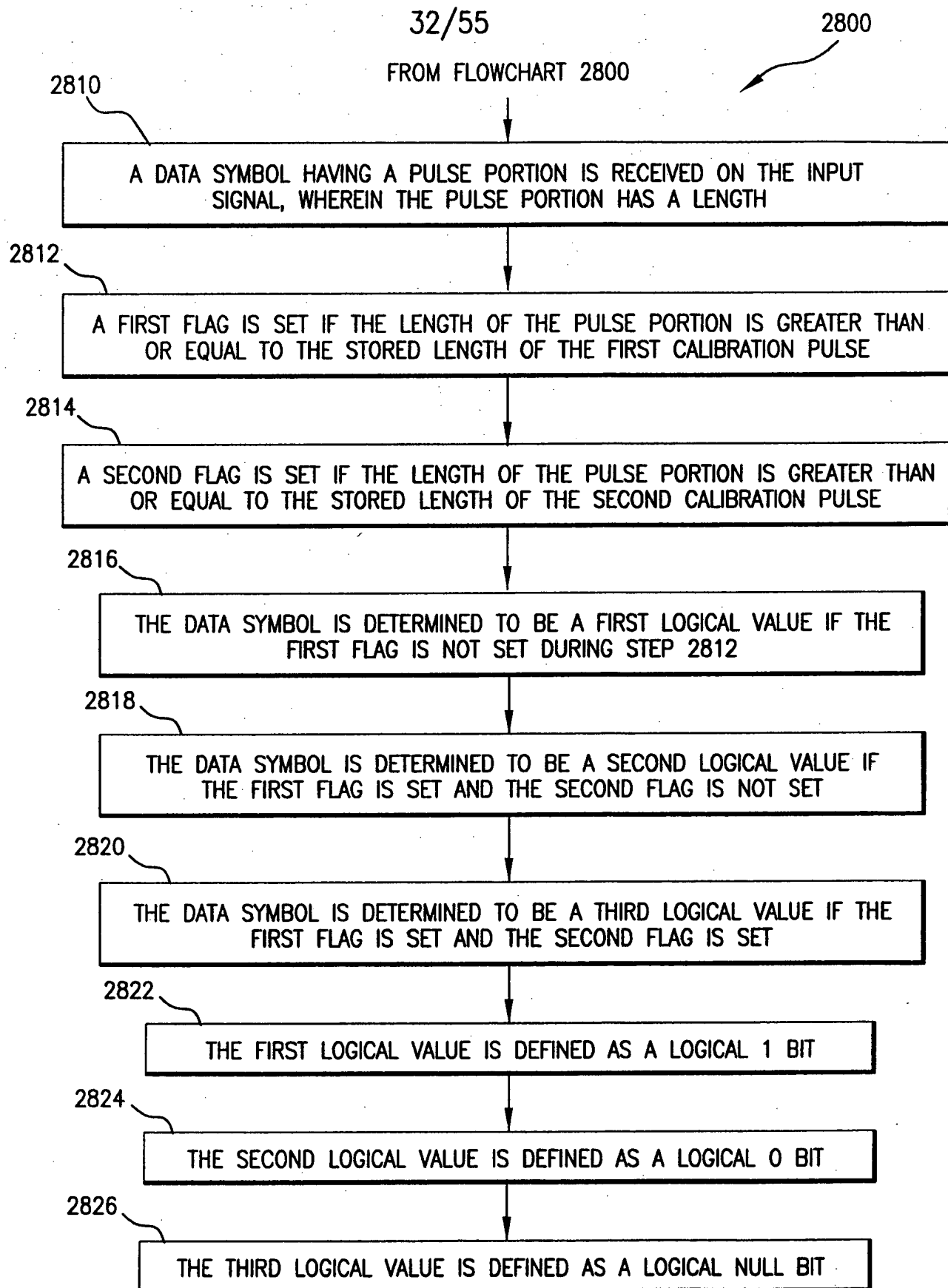


FIG.28B

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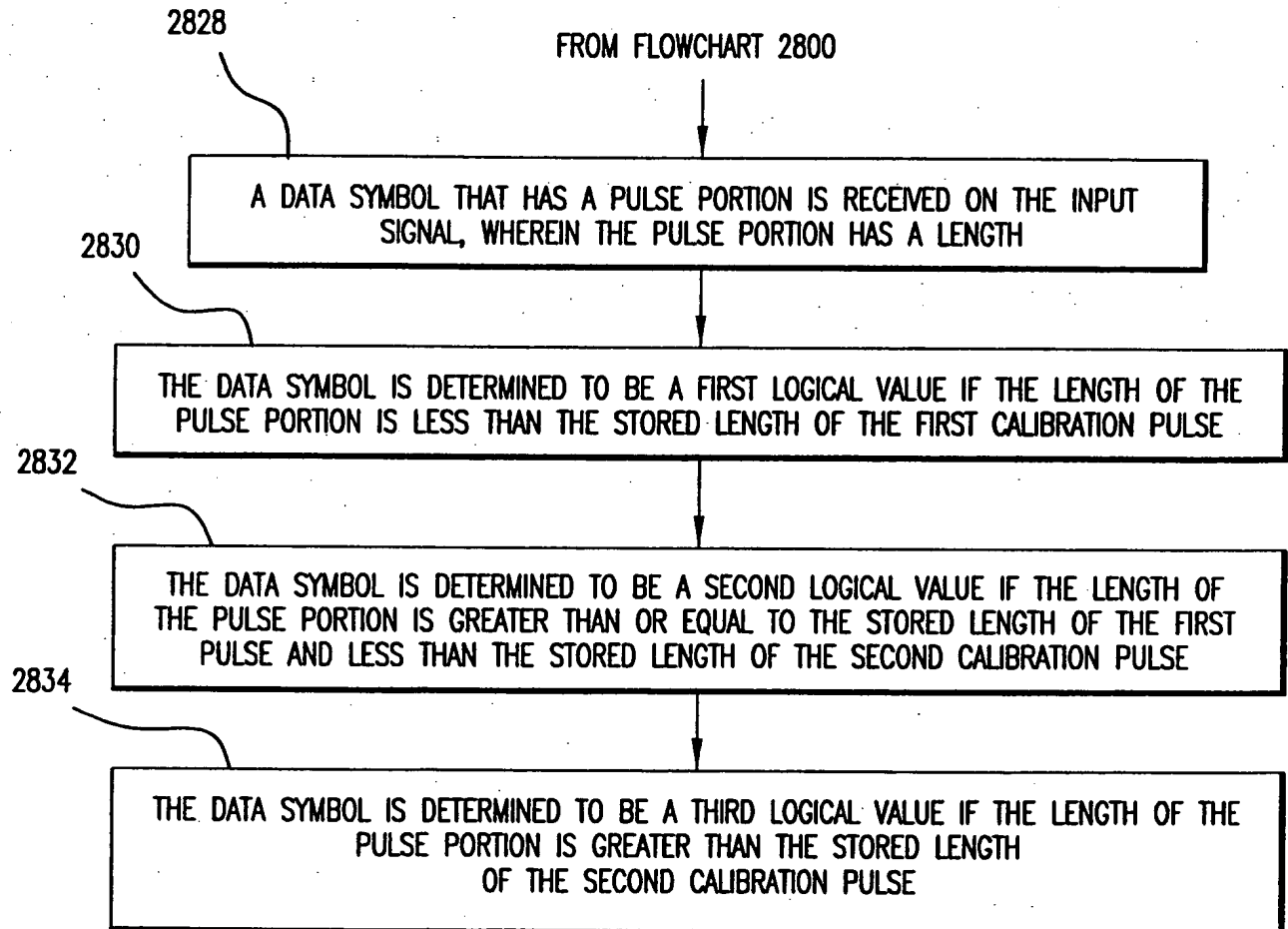


FIG.28C

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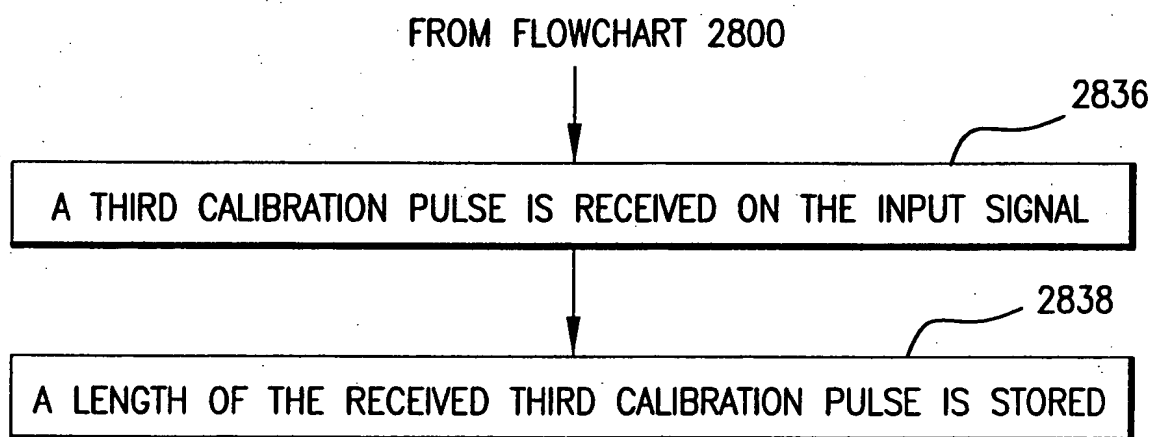
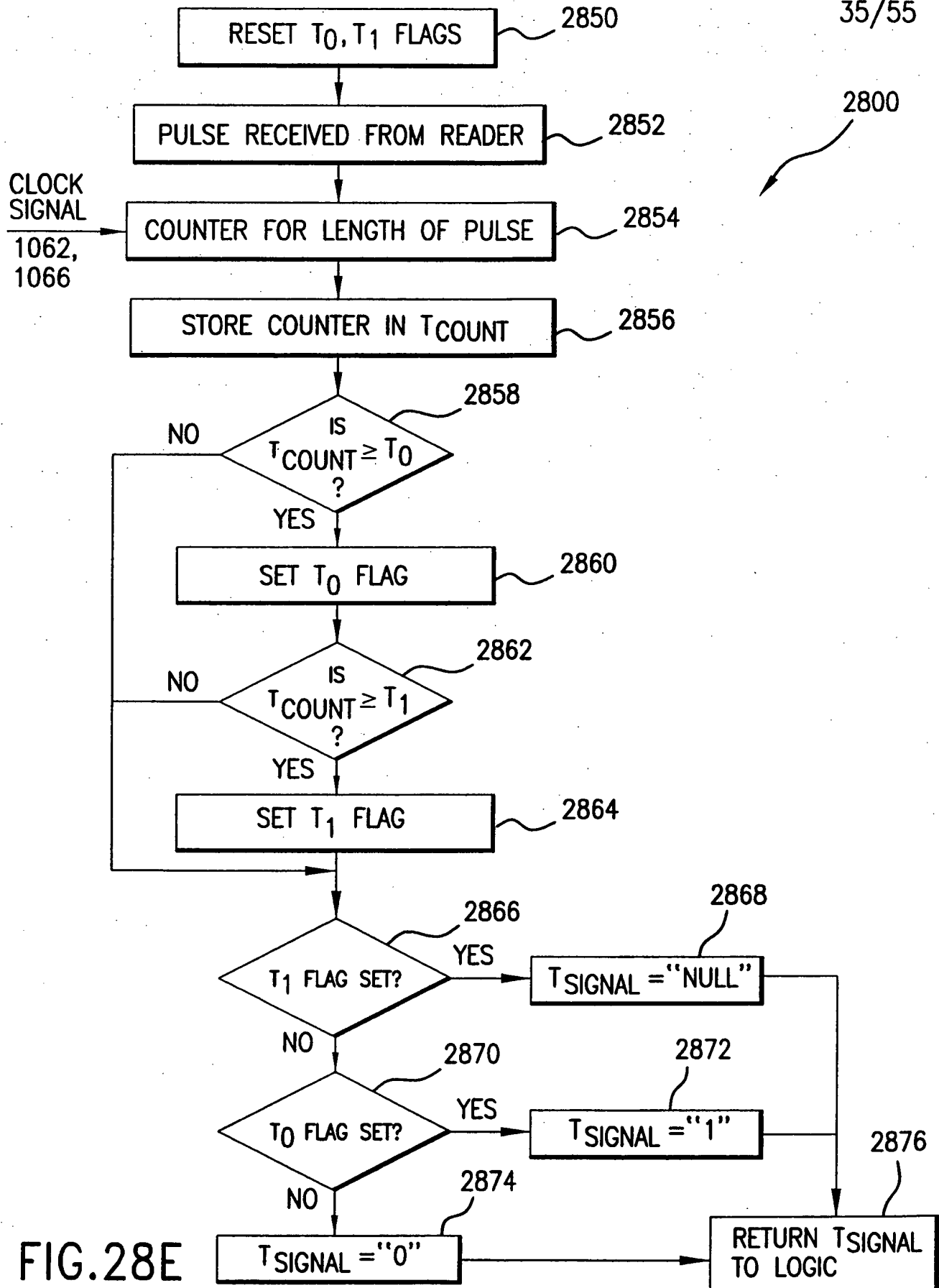
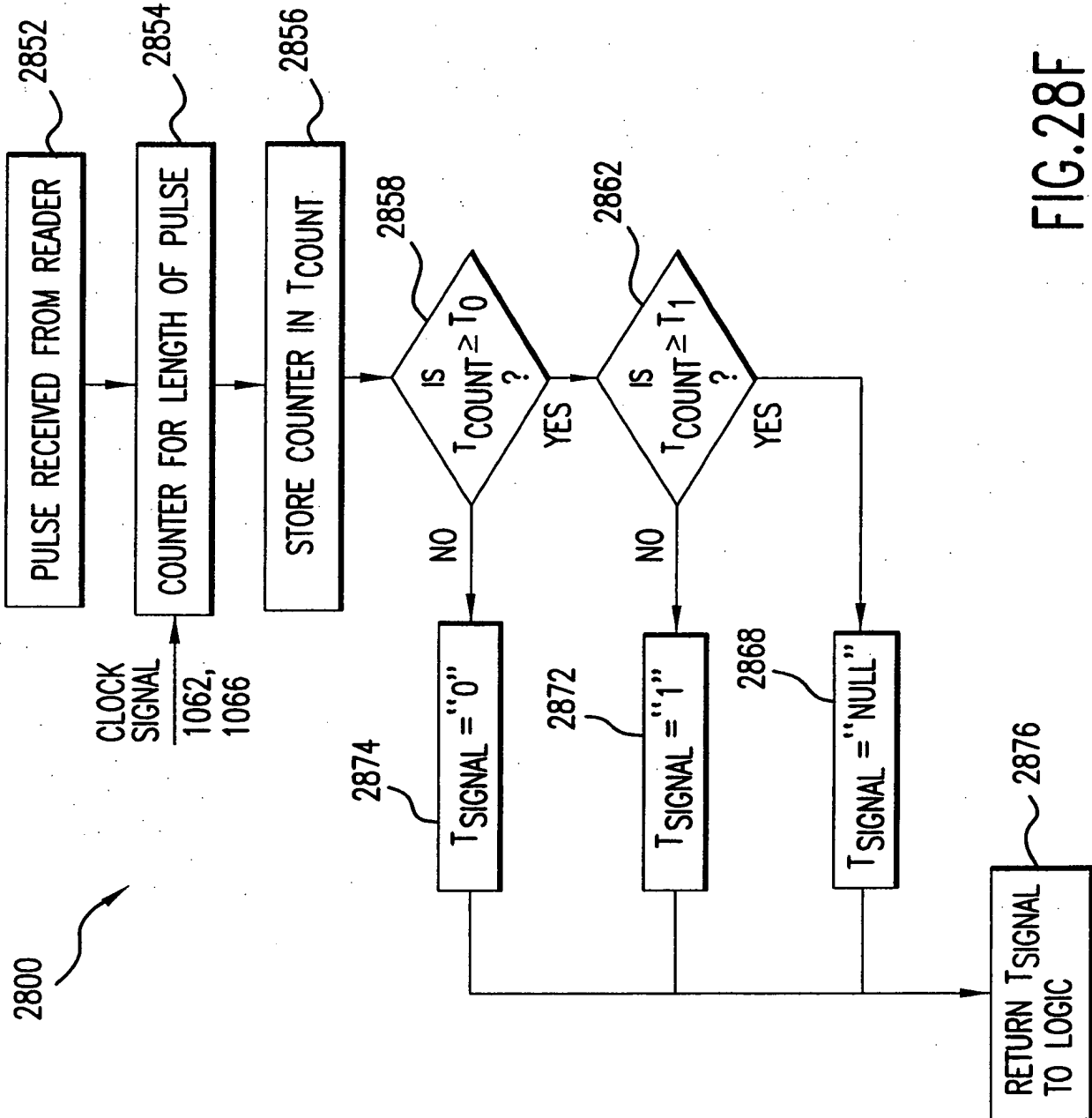


FIG.28D

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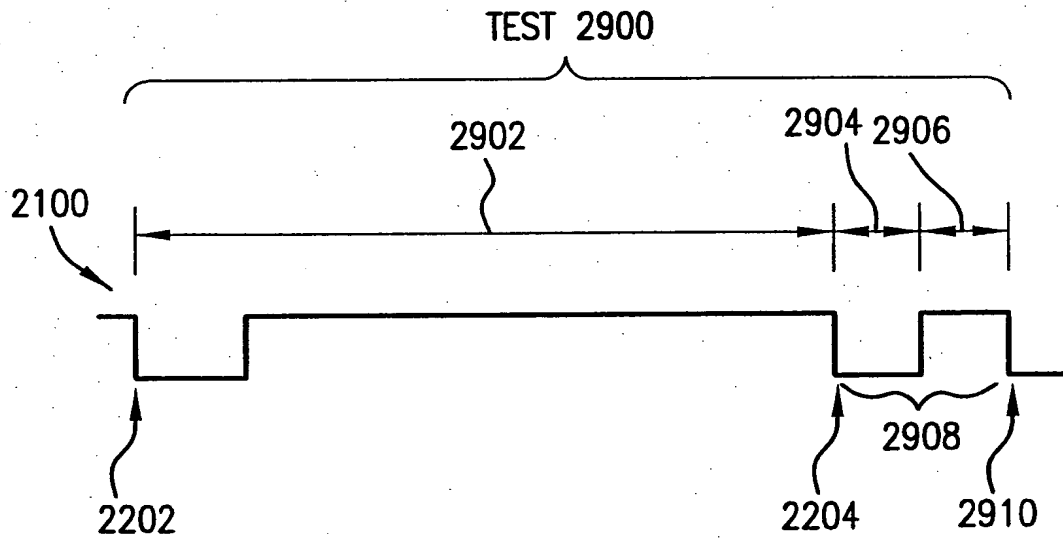


FIG.29

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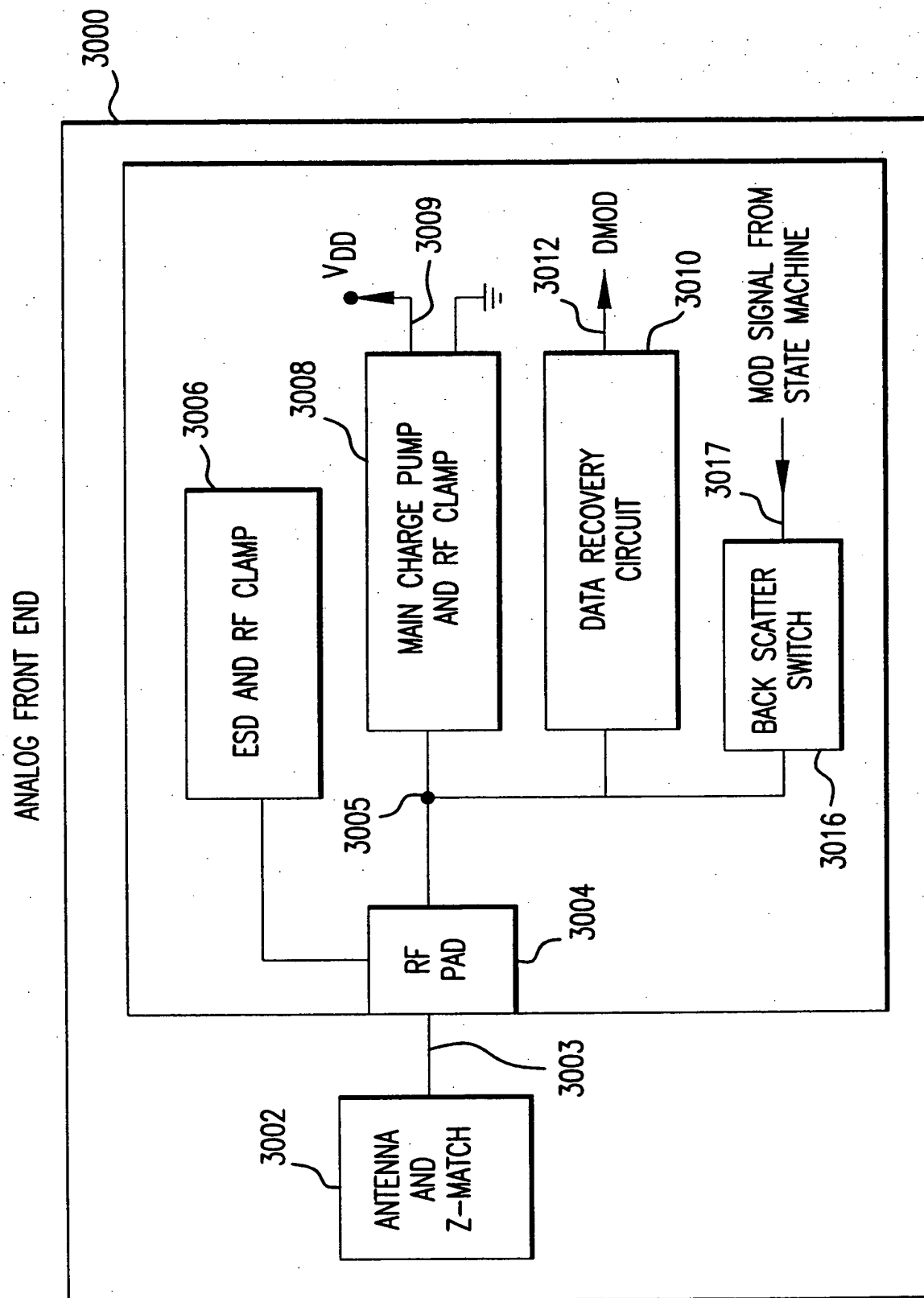


FIG.30

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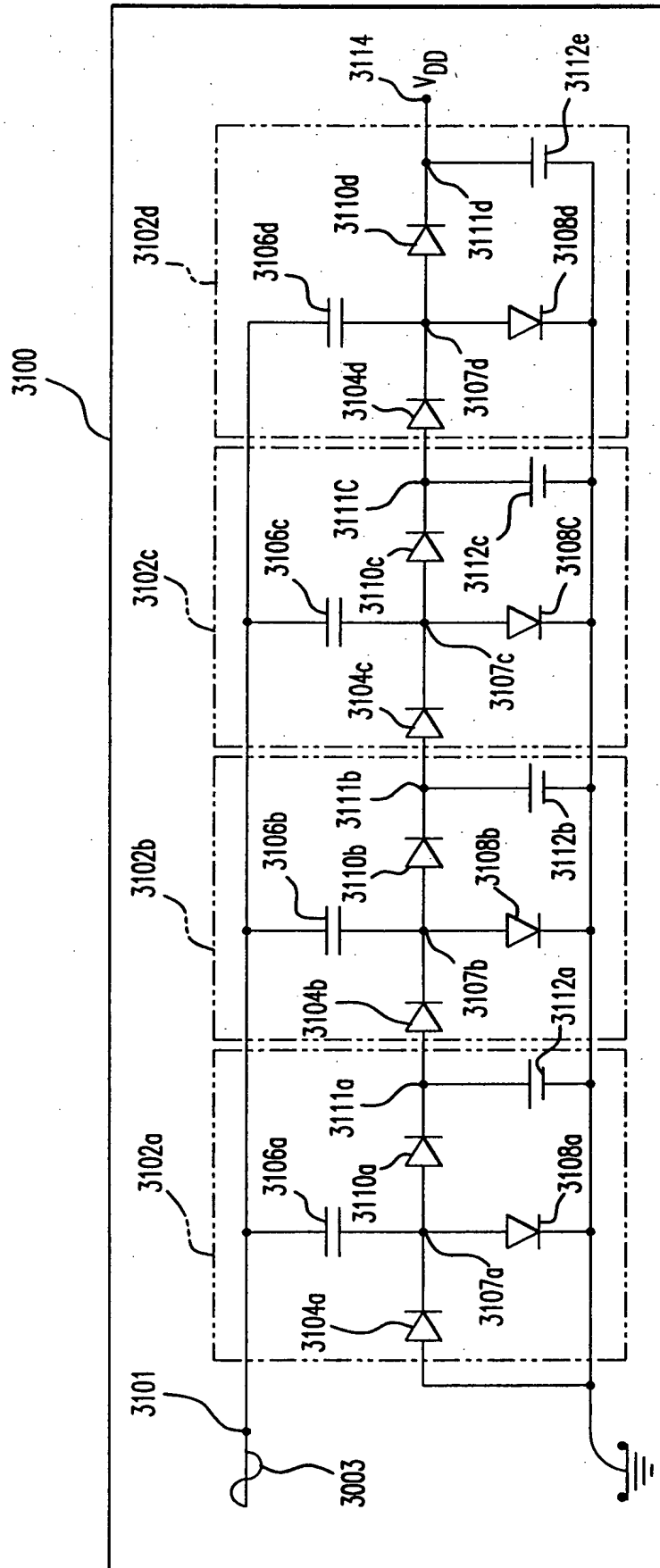


FIG.31

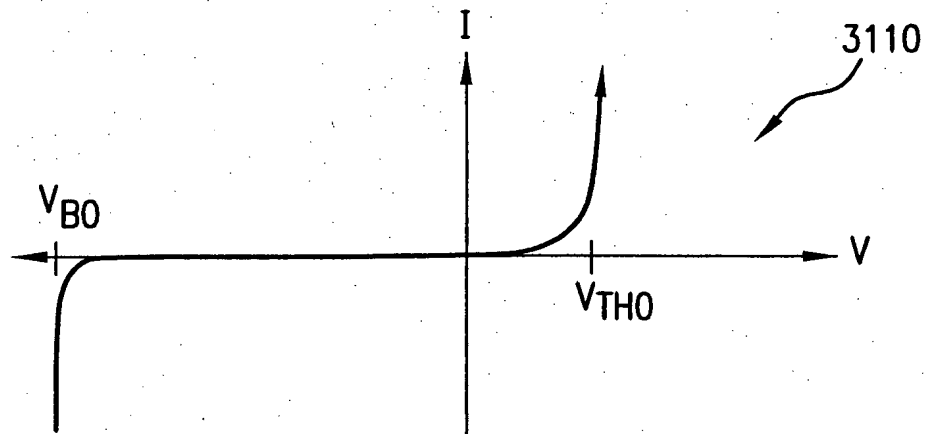


FIG. 32A

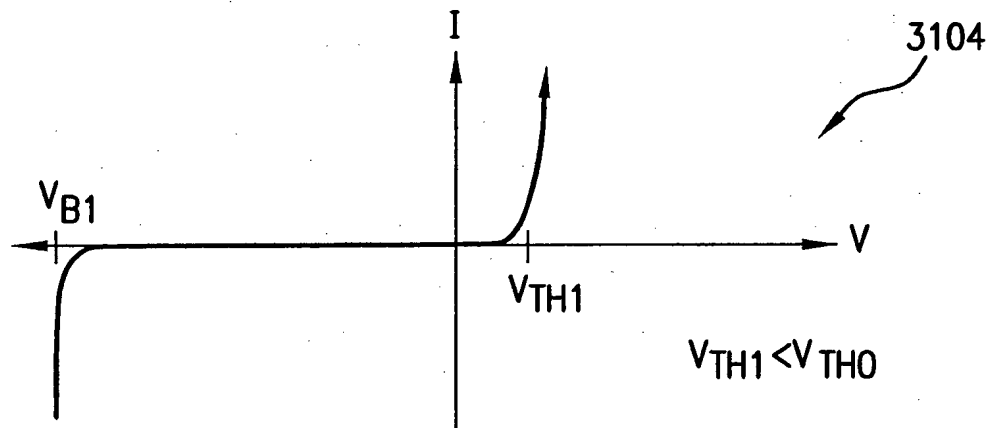


FIG. 32B

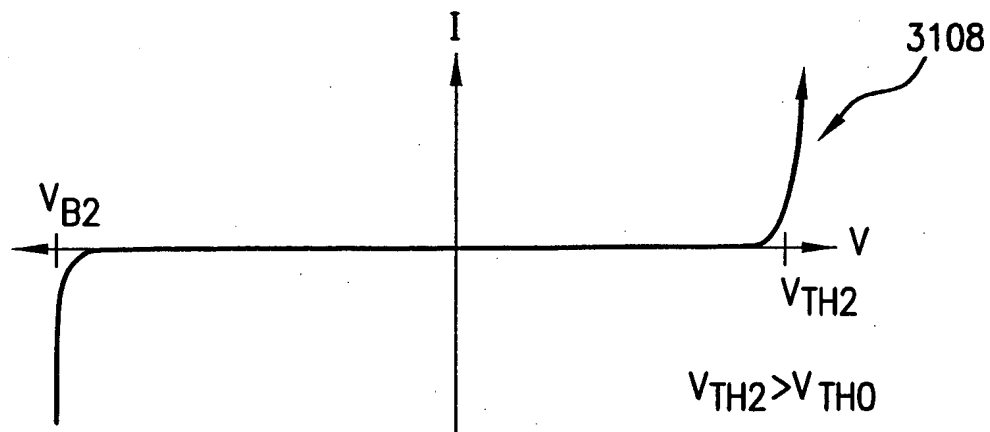


FIG. 32C

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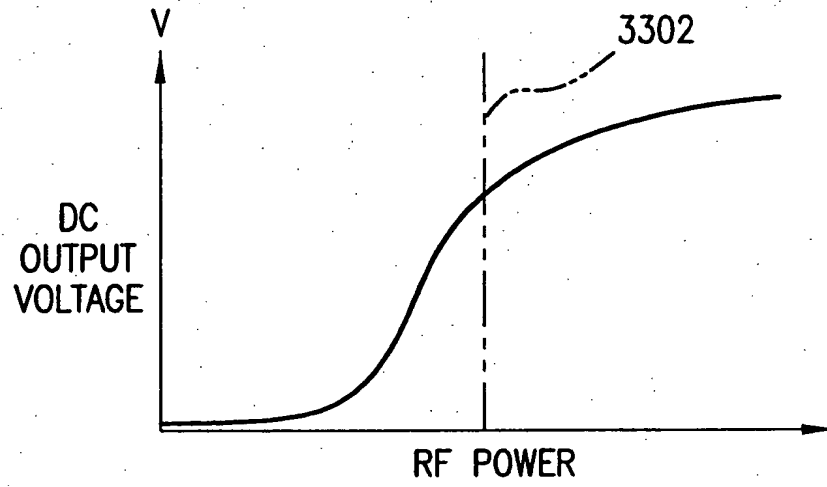


FIG. 33A

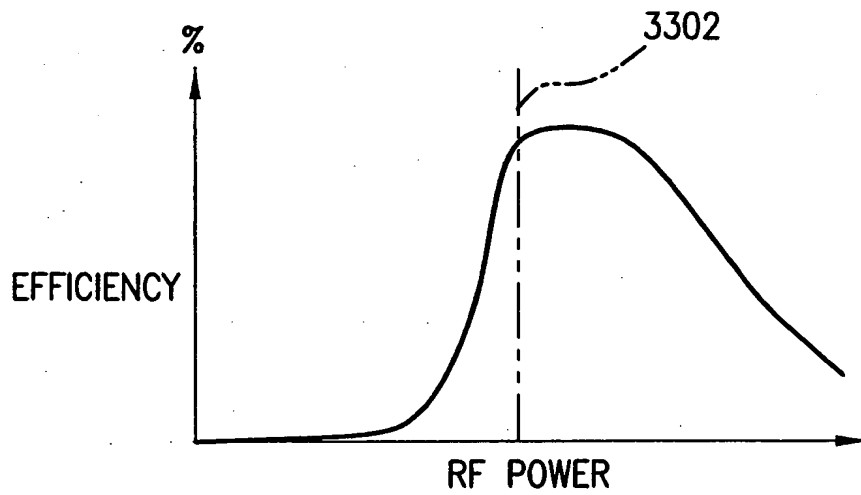


FIG. 33B

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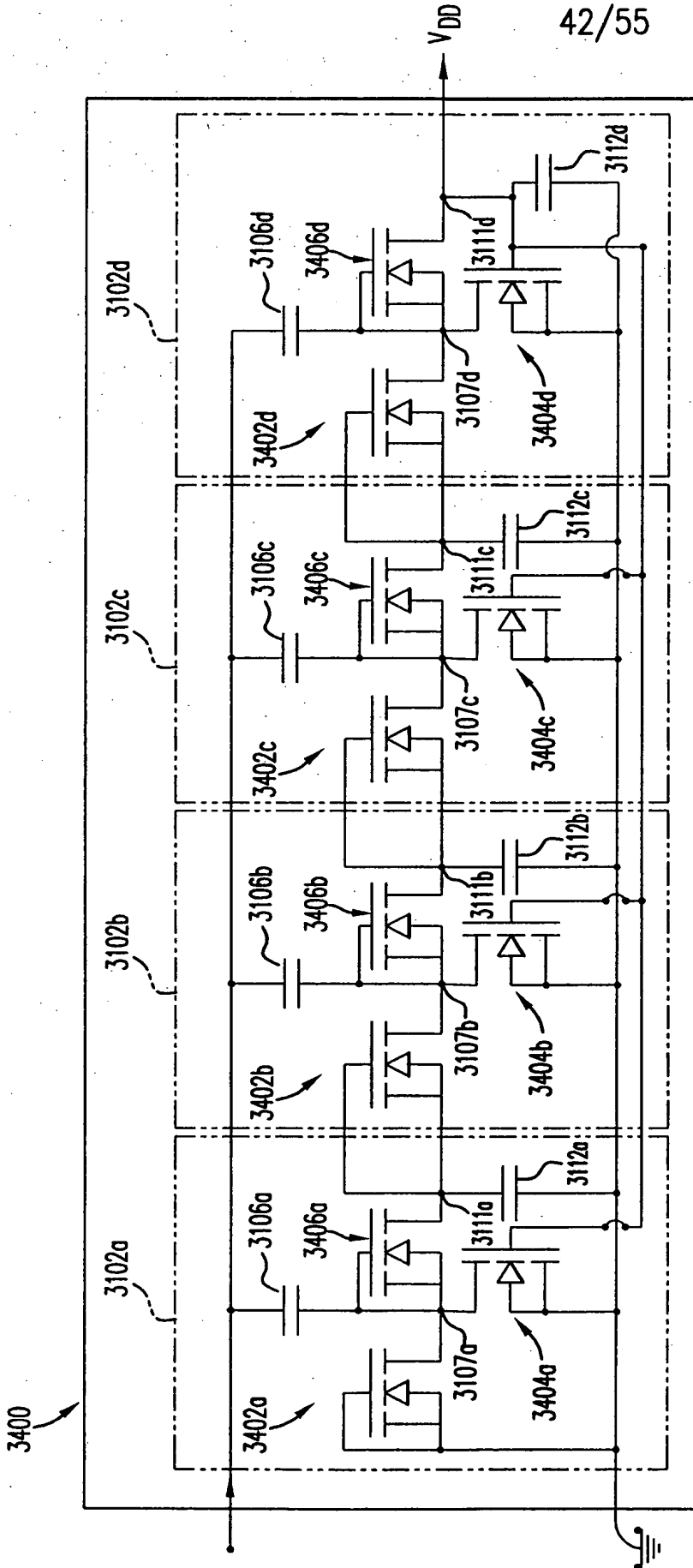


FIG. 34A

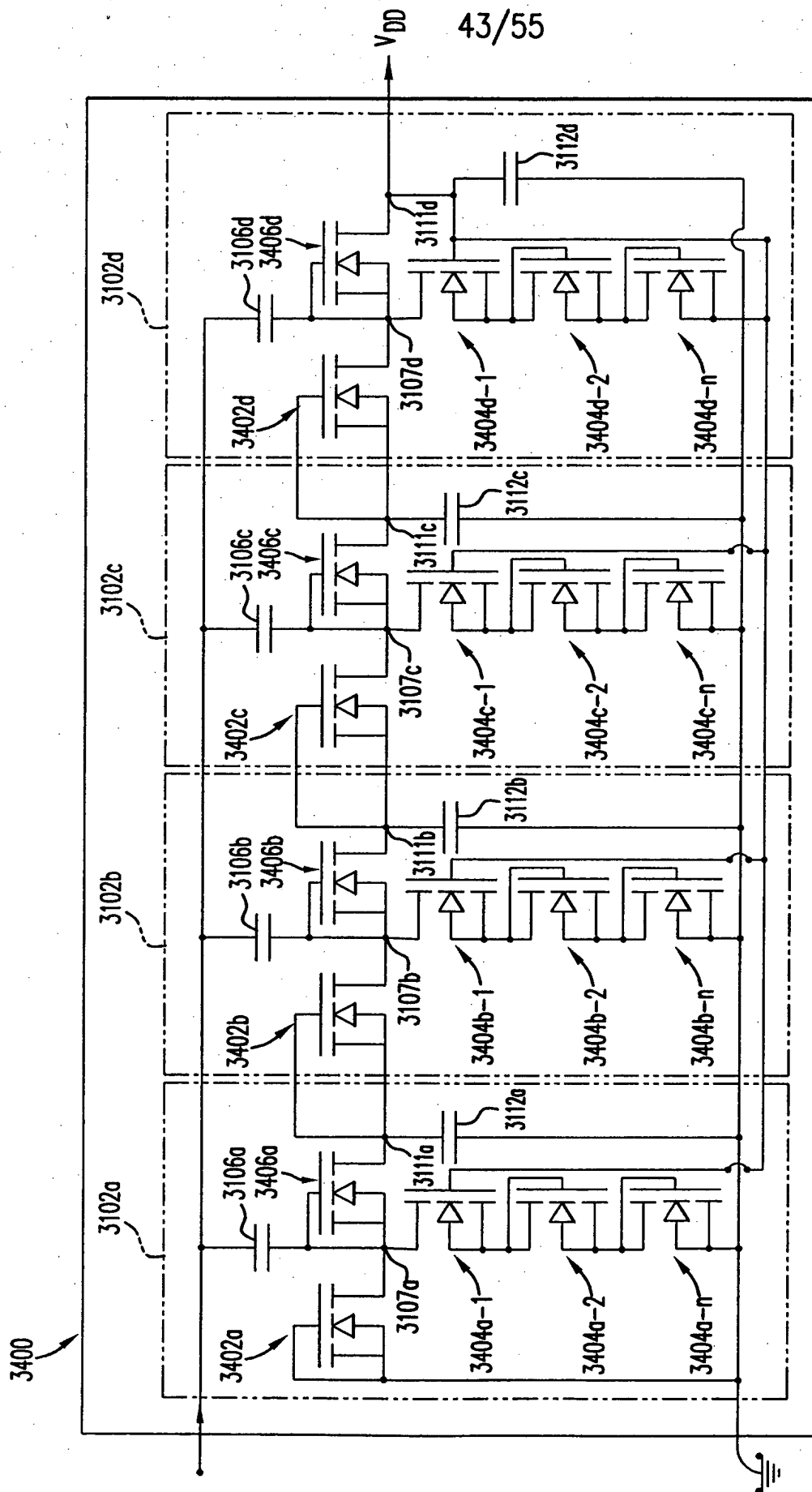


FIG. 34B

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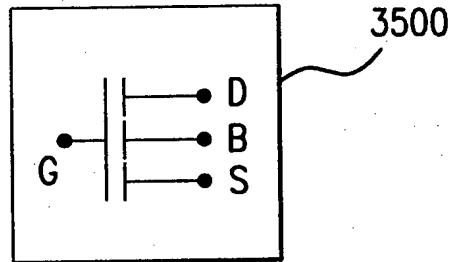


FIG.35A

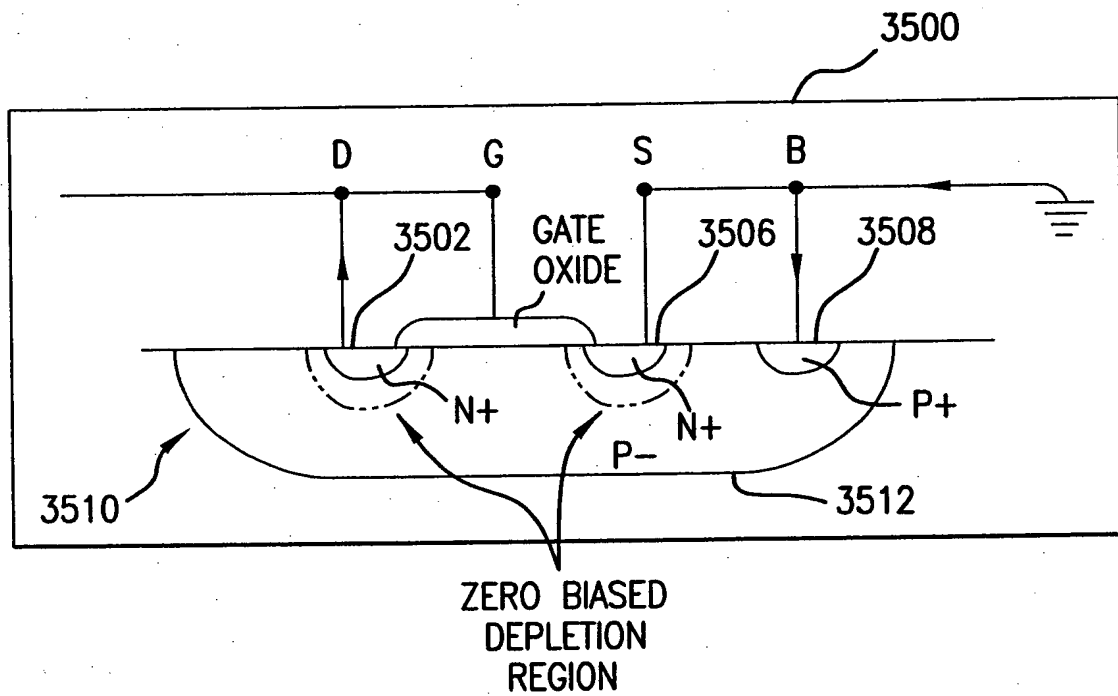


FIG.35B

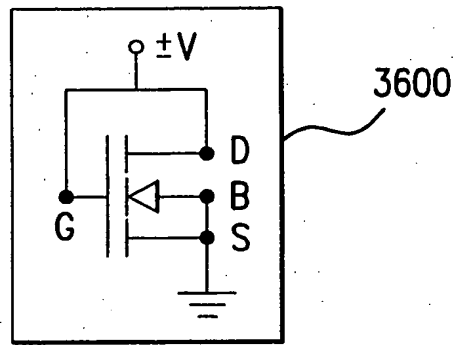


FIG.36A

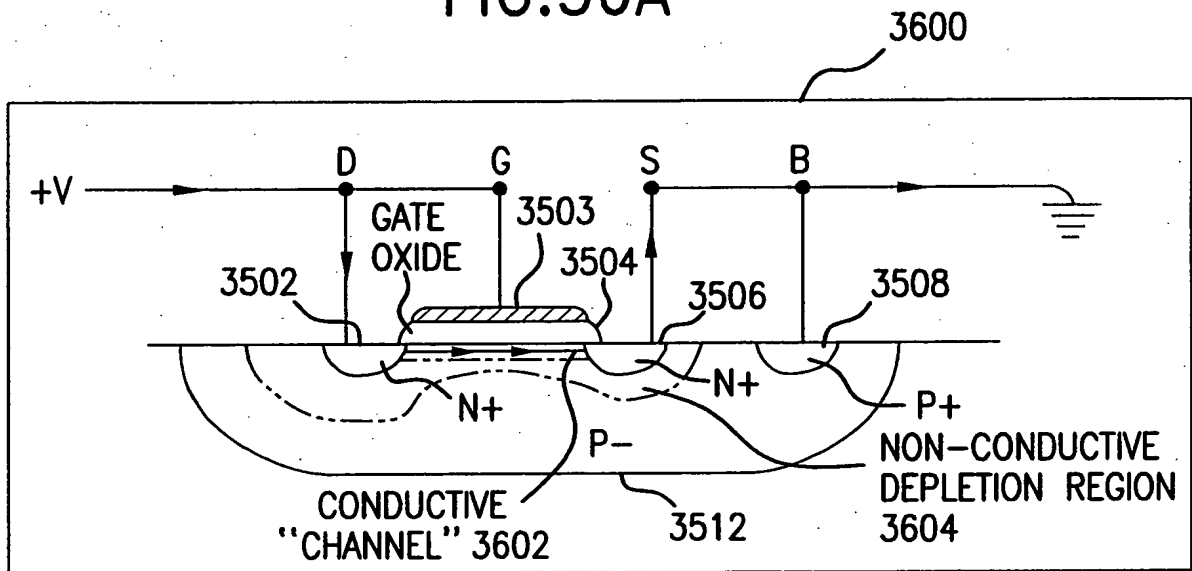


FIG.36B

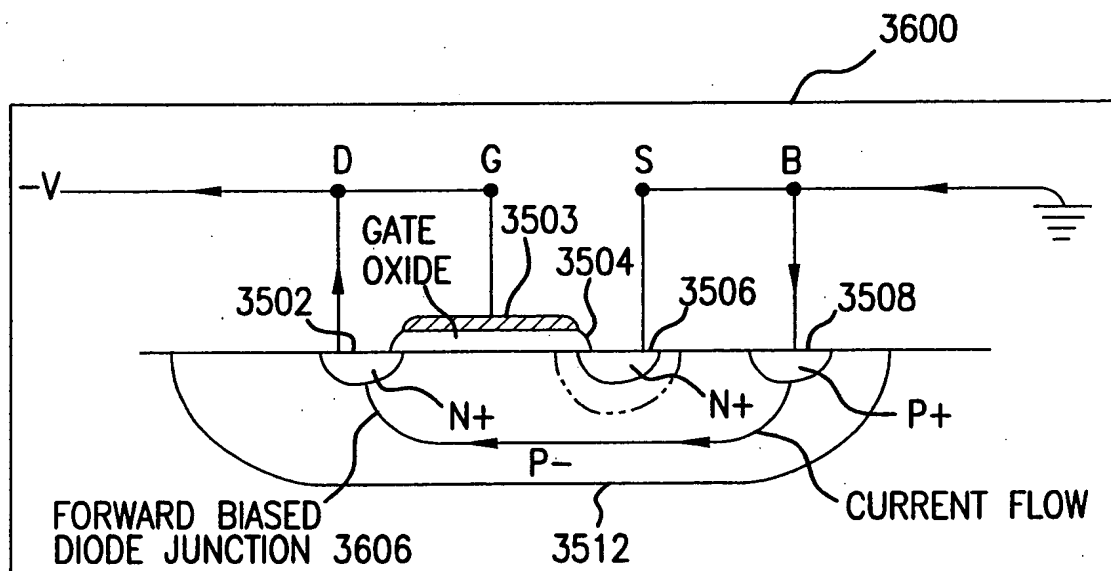


FIG.36C

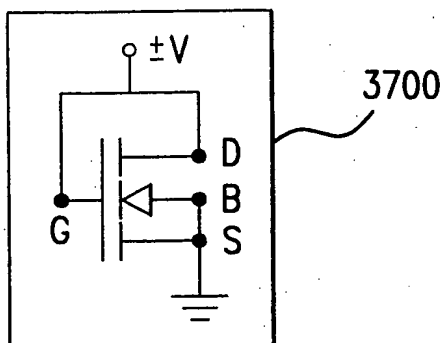


FIG.37A

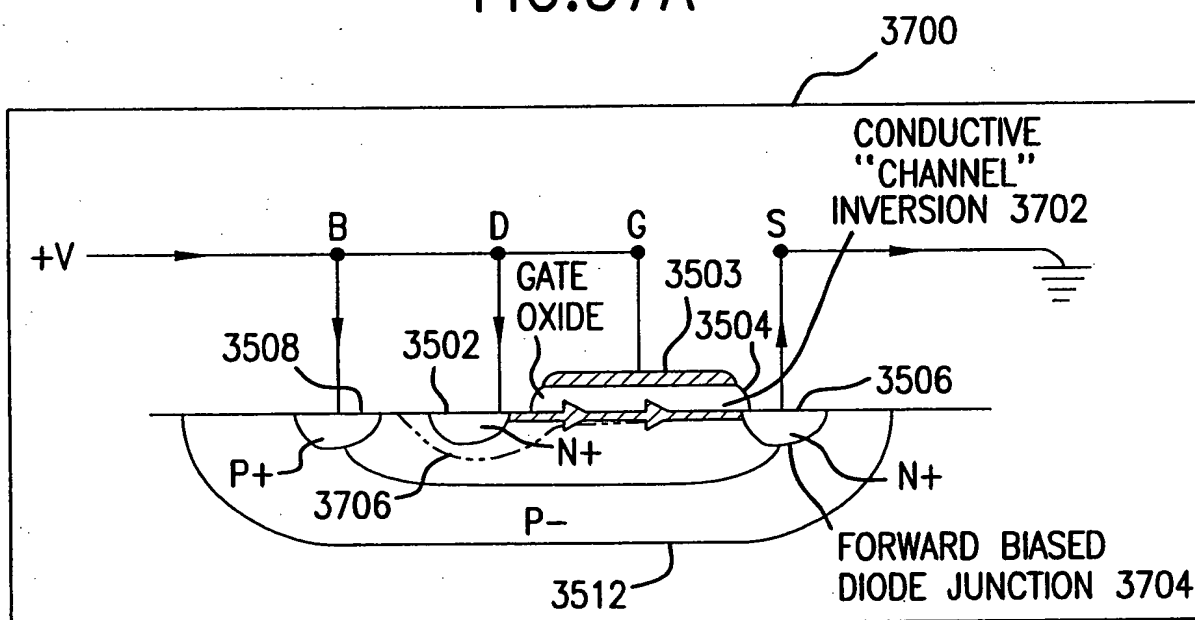


FIG.37B

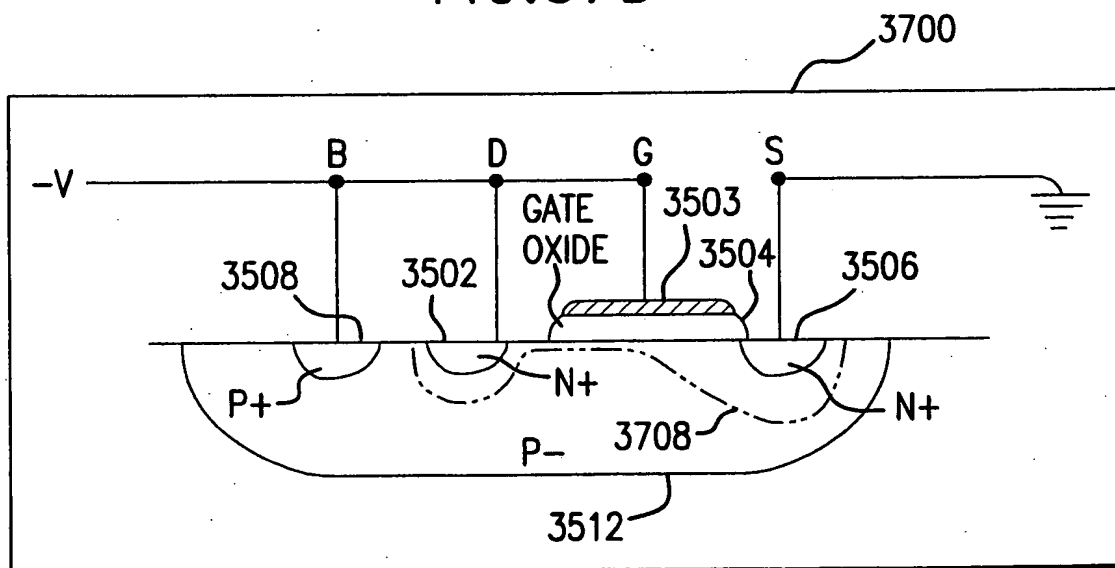


FIG.37C

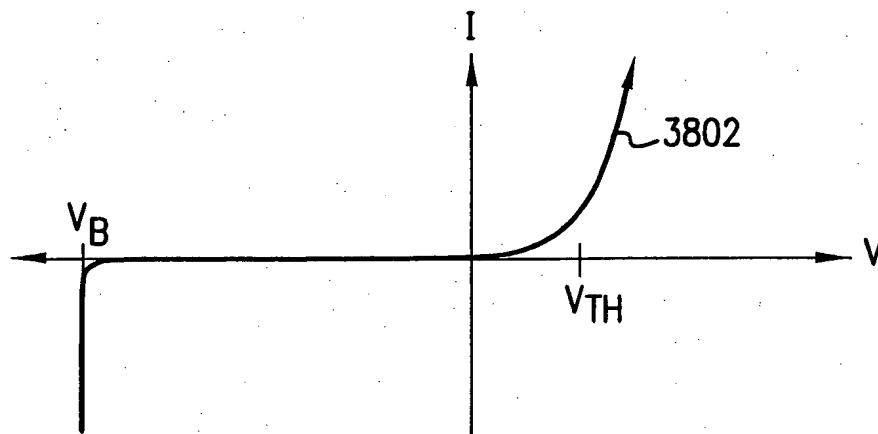


FIG.38A

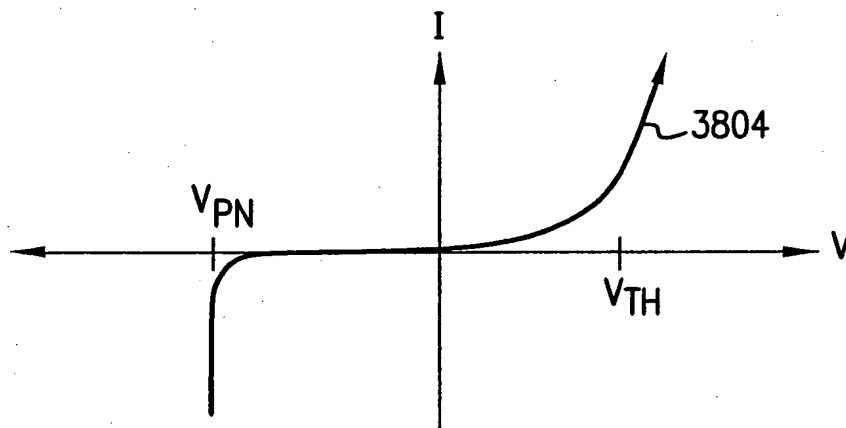


FIG.38B

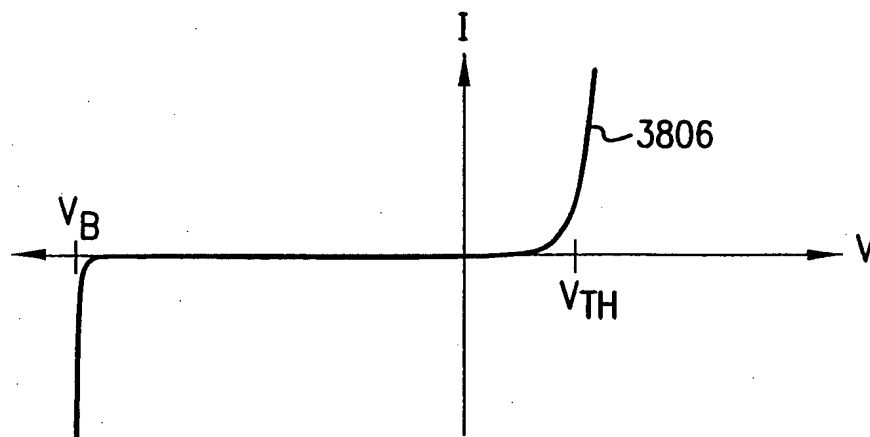


FIG.38C

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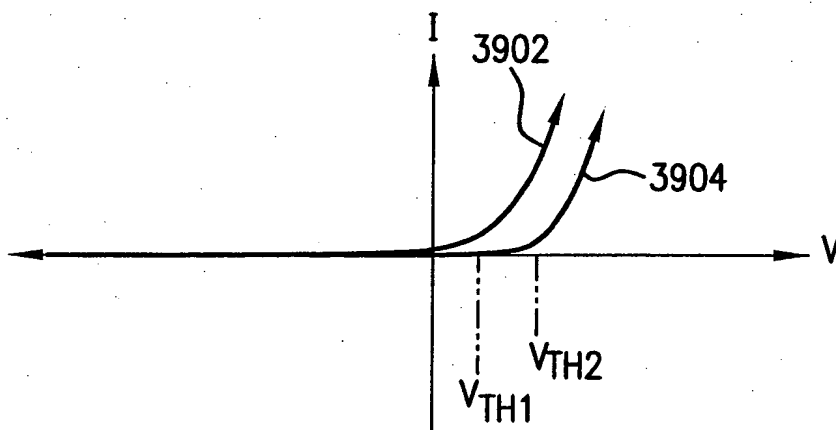


FIG.39

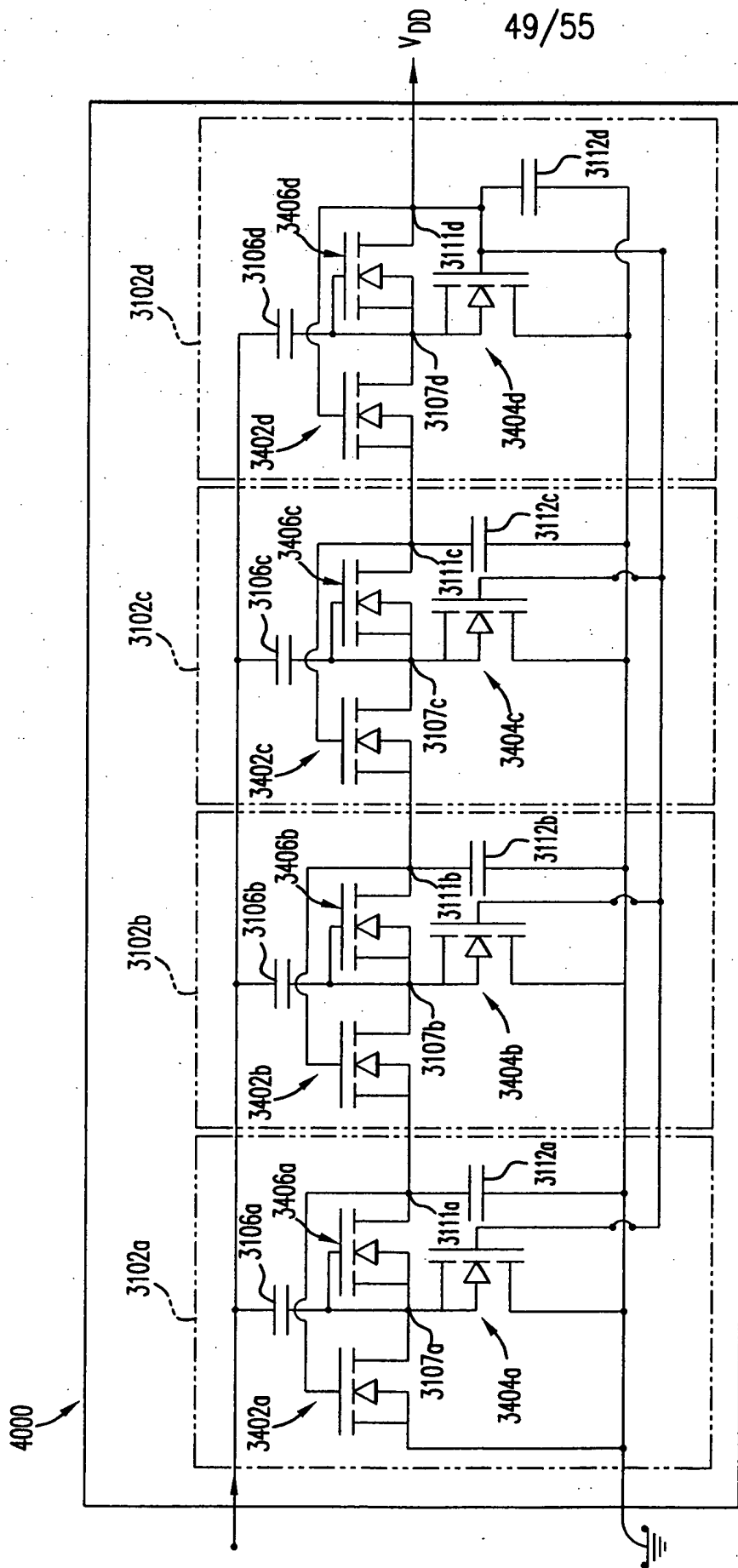


FIG. 40A

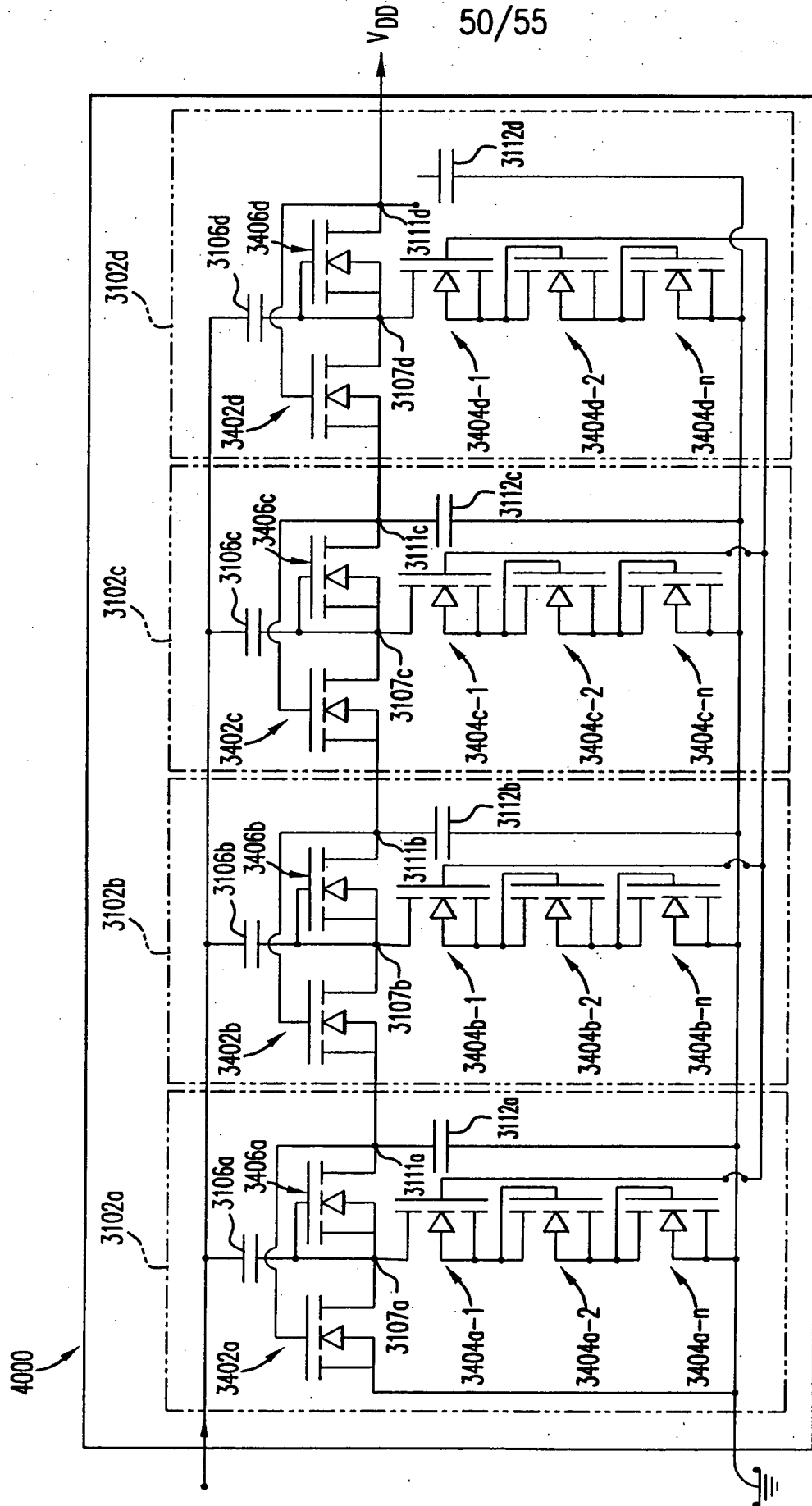


FIG. 40B

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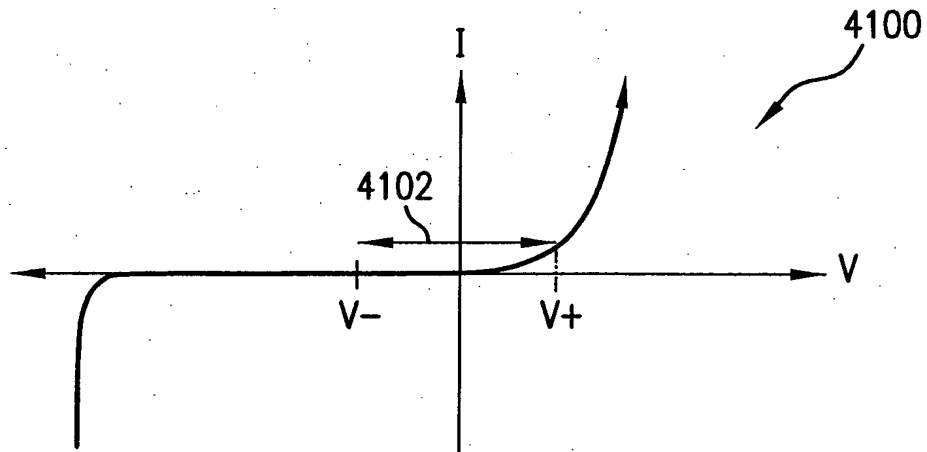


FIG. 41A

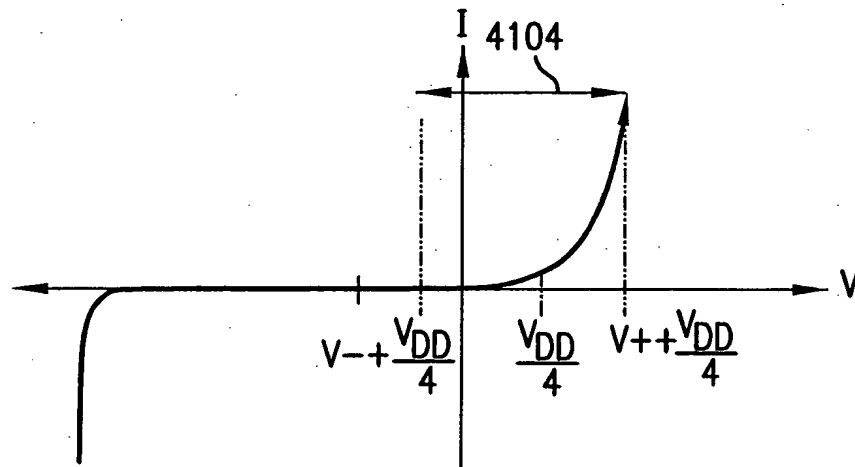


FIG. 41B

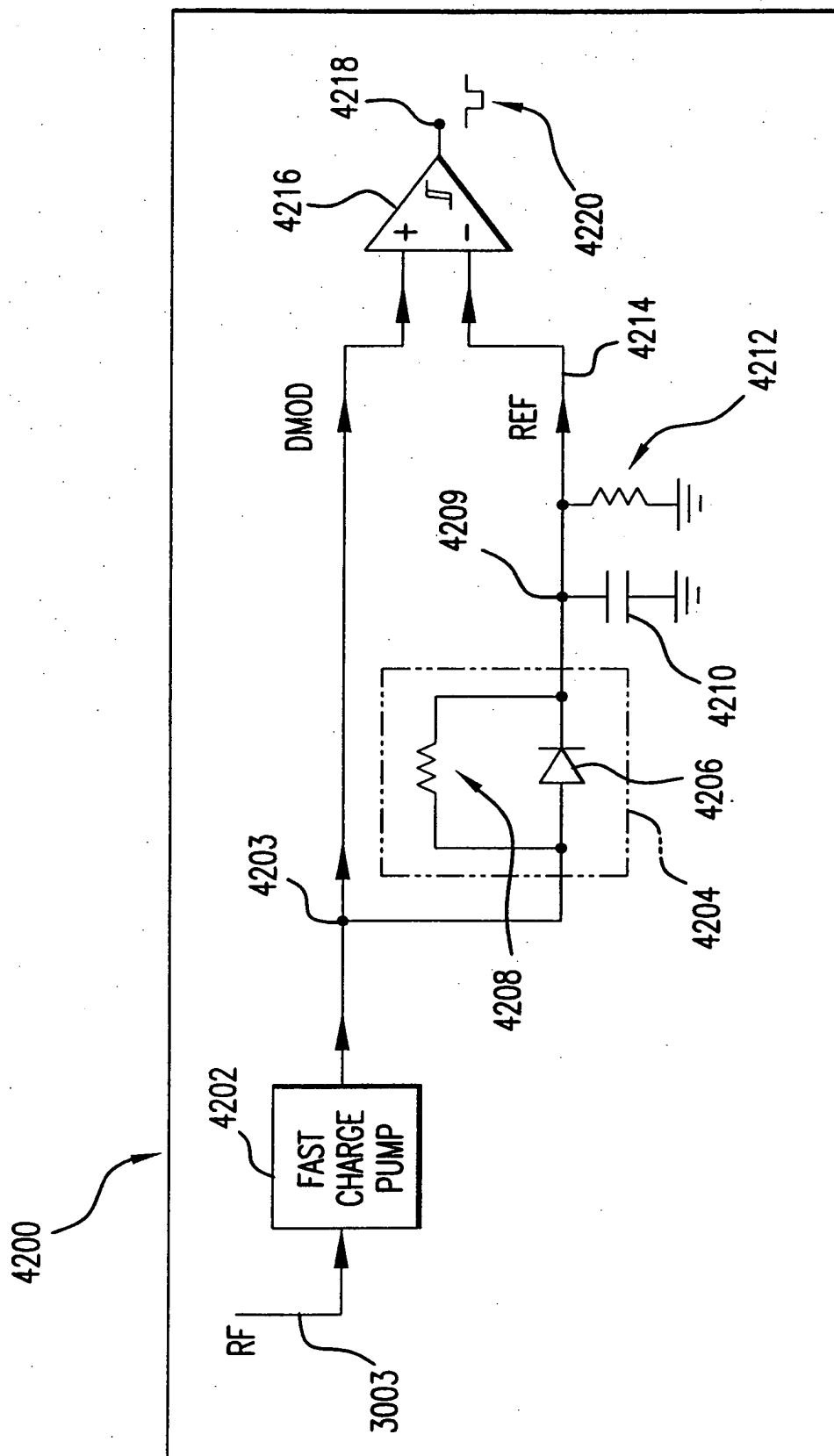


FIG. 42

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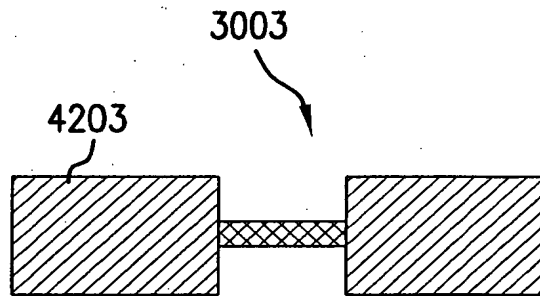


FIG. 43A

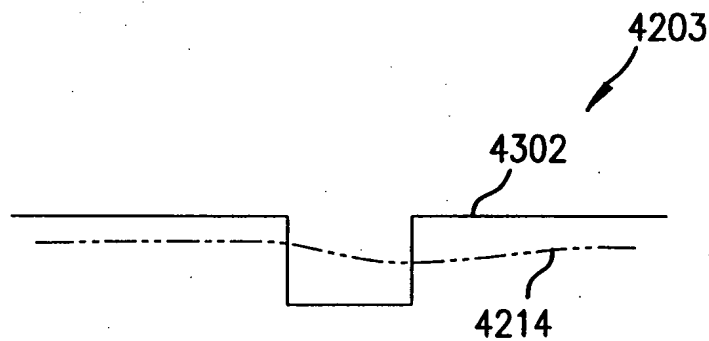


FIG. 43B

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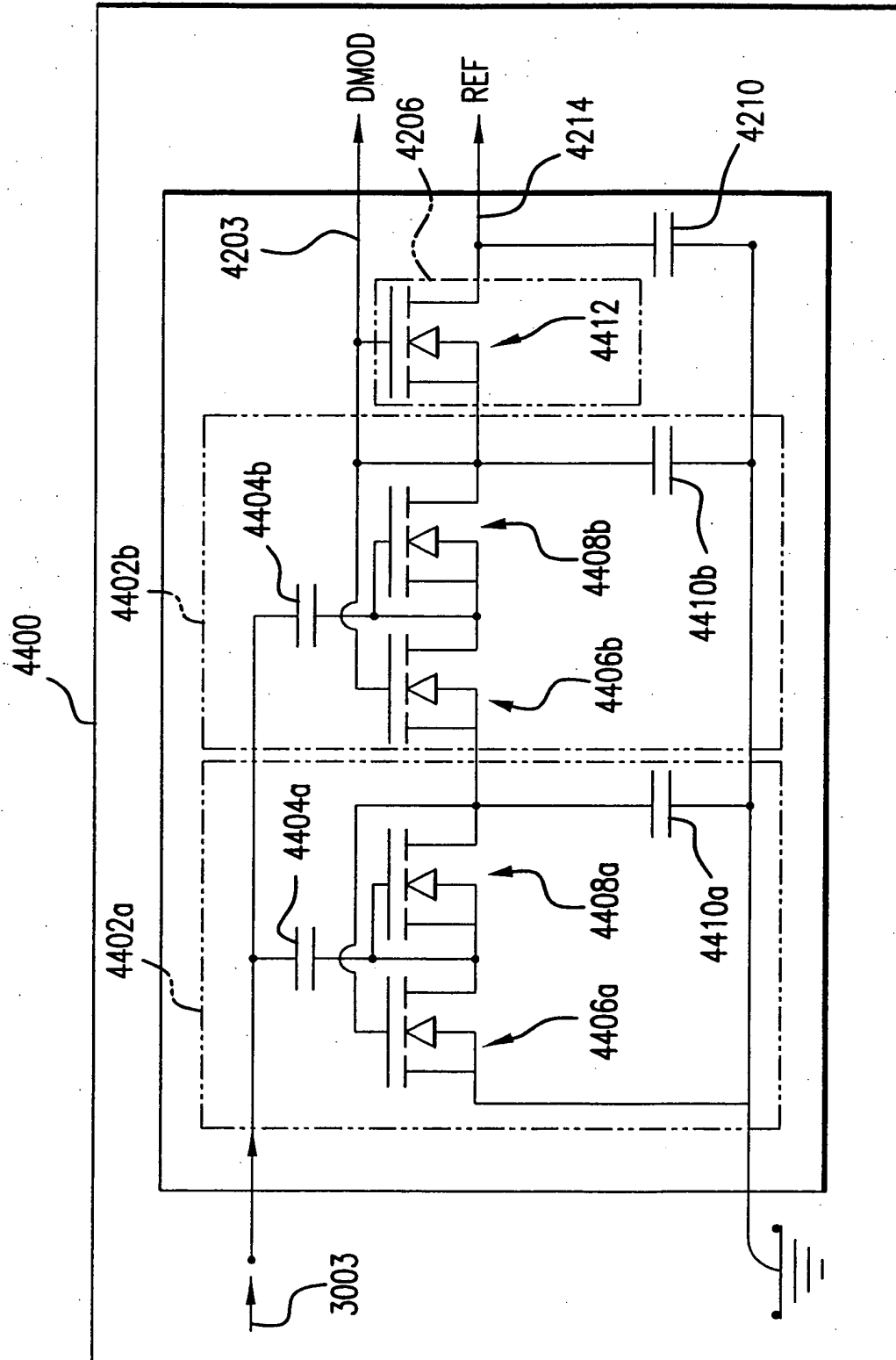


FIG. 44

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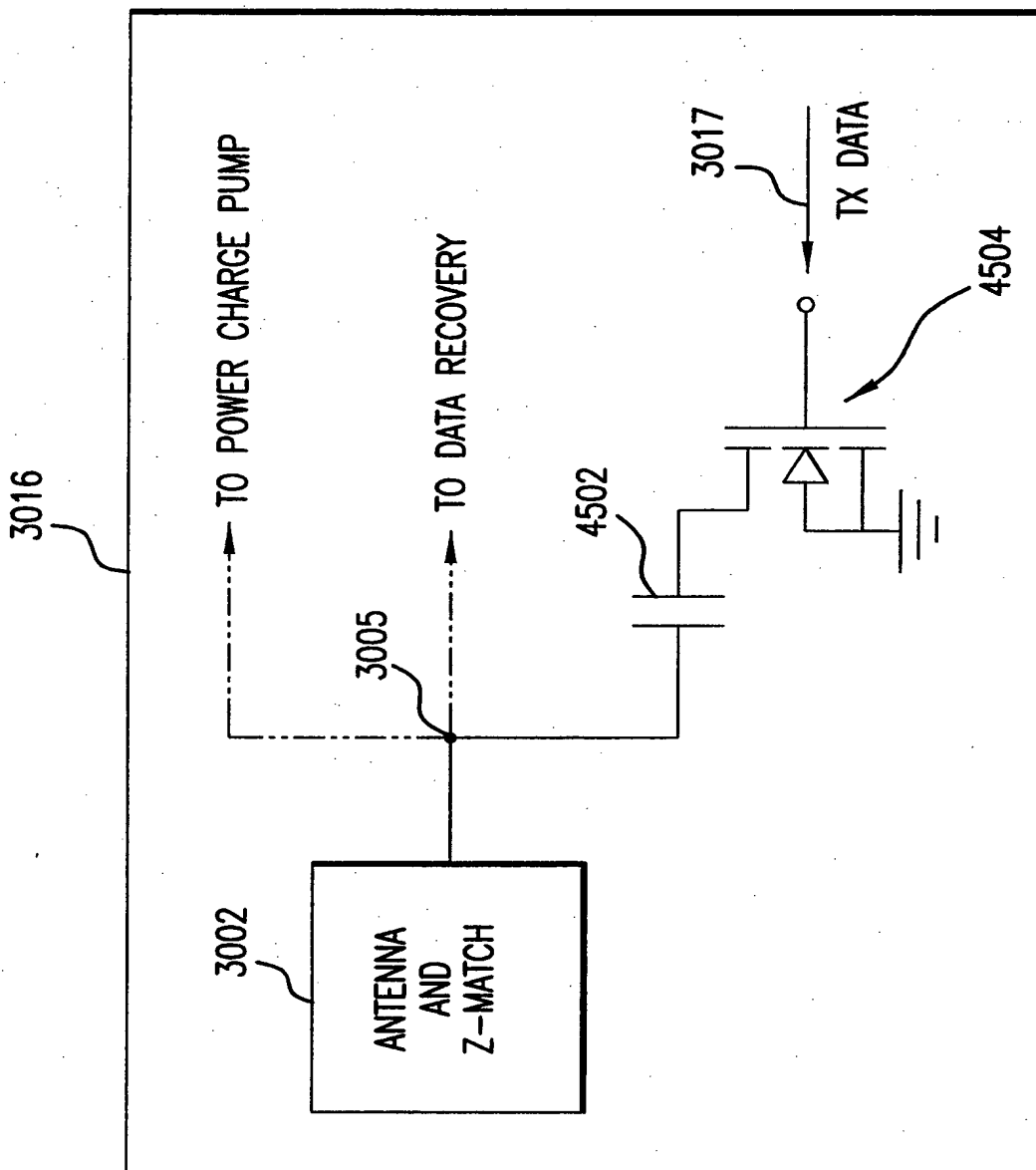


FIG.45